

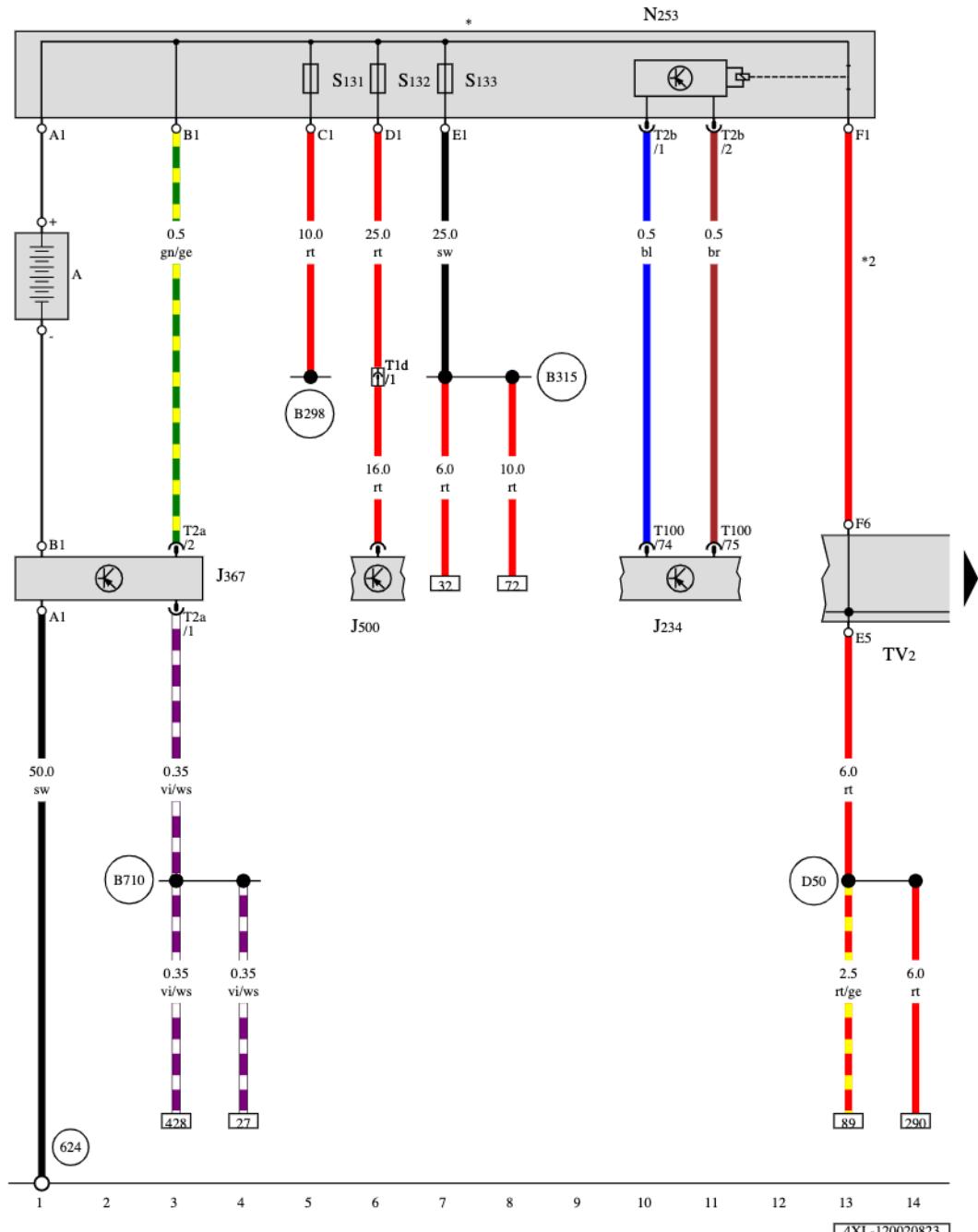
## 4.0L Gasoline Engine , CWUB,CWUC

From September 2015



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The logo for "erWan" is displayed, featuring the word "erWan" in a stylized, blocky font with a small Audi logo integrated into the letter "e".



Battery, Battery Monitoring Control Module, Battery Interrupt Igniter, Terminal 30 Wire Junction

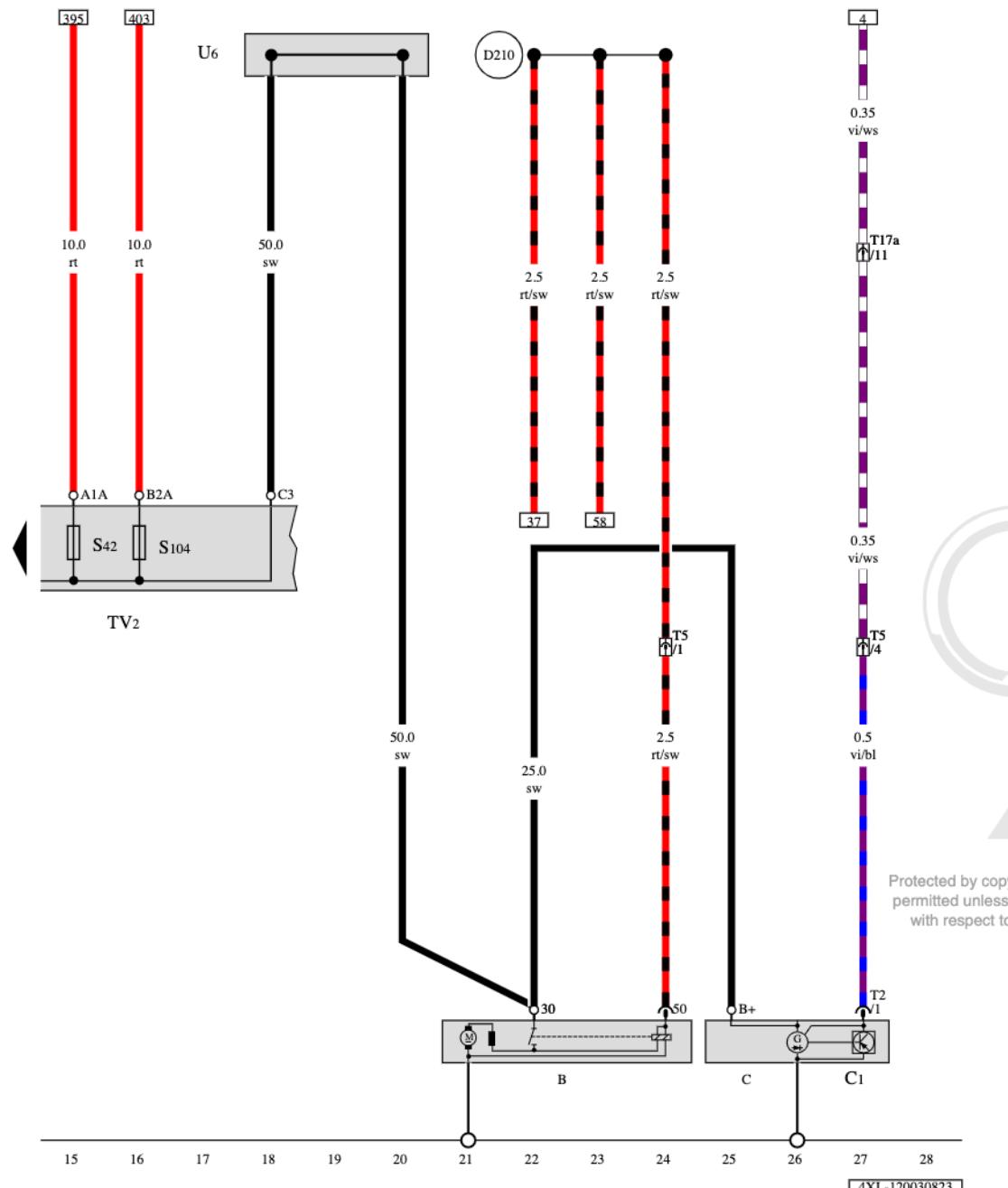
- A Battery
- J234 Airbag Control Module
- J367 Battery Monitoring Control Module
- J500 Power Steering Control Module
- N253 Battery Interrupt Igniter, Near the Battery
- S131 Safety Fuse 1
- S132 Safety Fuse 2
- S133 Safety Fuse 3
- T1d 1-Pin Connector, On the Left Front of the Vehicle Floor
- T2a 2-Pin Connector
- T2b 2-Pin Connector
- TV2 Terminal 30 Wire Junction
- T100 100-Pin Connector

- 624 Ground Connection near Starter Battery
- B298 Positive Connection 2 (30) (in Main Wiring Harness)
- B315 Positive Connection 1 (30a) (in Main Wiring Harness)
- B710 LIN Bus Connection 5 (in Main Wiring Harness)
- D50 Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)

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li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Starter, Generator, Terminal 30 Wire Junction



B Starter  
 C Generator  
 C1 Voltage Regulator  
 S42 Radiator Fan Fuse  
 S104 Radiator Fan Second Speed Fuse  
 TV2 Terminal 30 Wire Junction  
 T2 2-Pin Connector  
 T5 5-Pin Connector, In the Center Plenum Chamber  
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White  
 U6 Battery Jump Start Terminal  
 D210 Connection 50 (in Engine/Motor Compartment Wiring Harness)

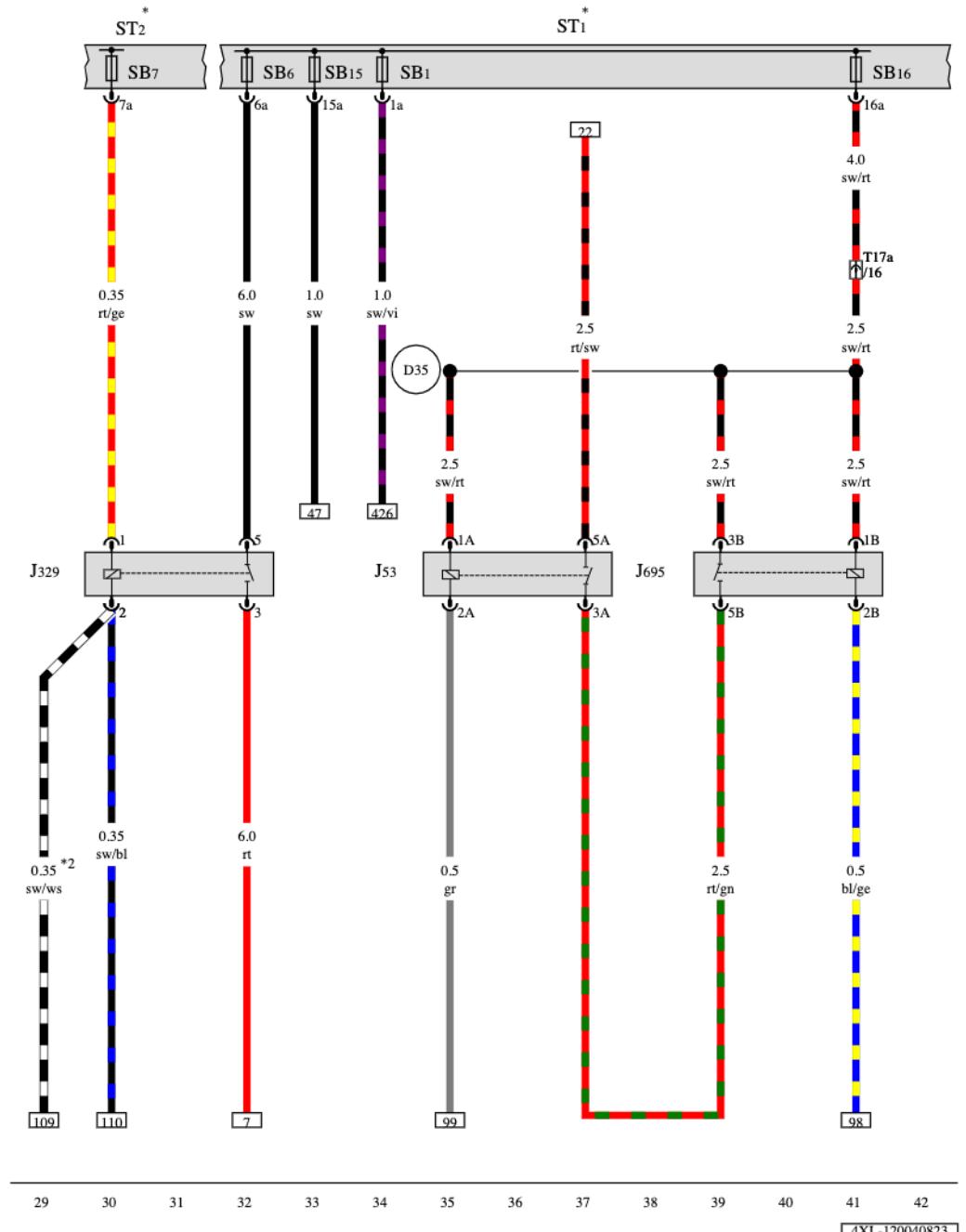


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### Starter Relay, Terminal 15 Power Supply Relay, Starter Relay 2

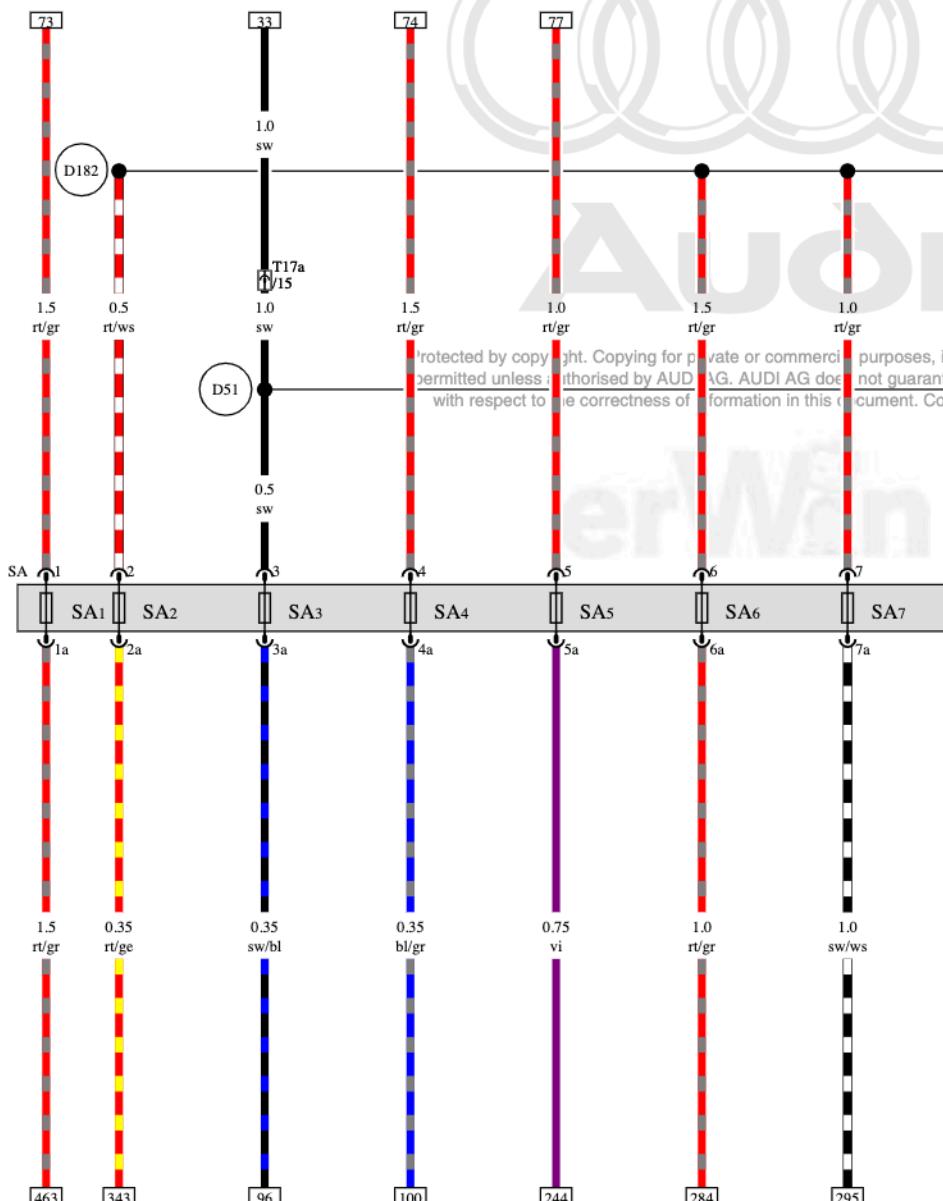
J53	Starter Relay
J329	Terminal 15 Power Supply Relay
J695	Starter Relay 2
ST1	Fuse Panel 1
SB1	Fuse 1 (On Fuse Panel B)
ST2	Fuse Panel 2
SB6	Fuse 6 (On Fuse Panel B)
SB7	Fuse 7 (On Fuse Panel B)
SB15	Fuse 15 (On Fuse Panel B)
SB16	Fuse 16 (On Fuse Panel B)

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**D35** Positive Connection 1 (15a) (in Engine Pre-Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions  
\*2 For RHD Vehicles

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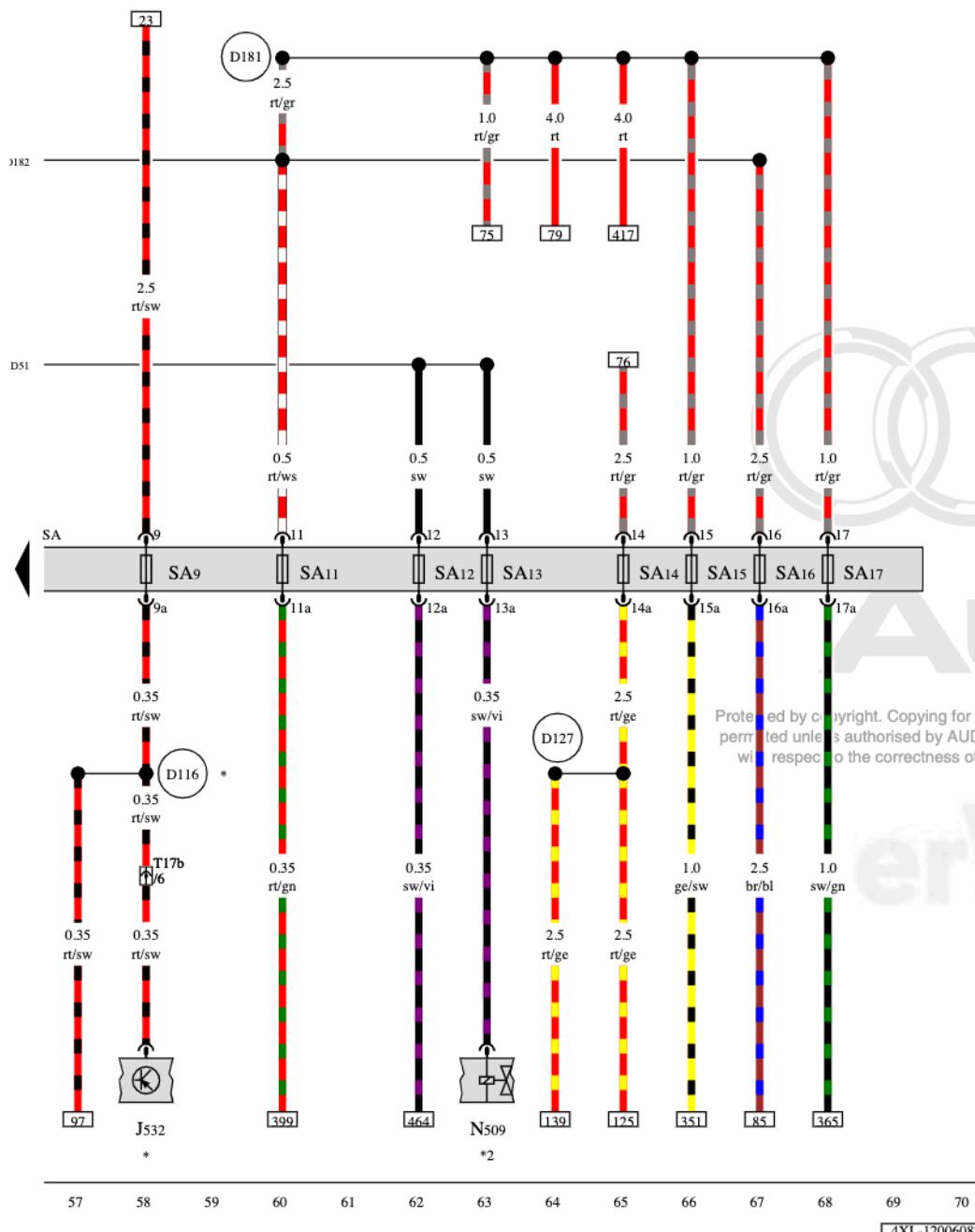
Fuse Panel A

- SA Fuse Panel A
- SA1 Fuse 1 (On Fuse Panel A)
- SA2 Fuse 2 (On Fuse Panel A)
- SA3 Fuse 3 (On Fuse Panel A)
- SA4 Fuse 4 (On Fuse Panel A)
- SA5 Fuse 5 (On Fuse Panel A)
- SA6 Fuse 6 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White

D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)

D182 Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)

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 vi = lilac  
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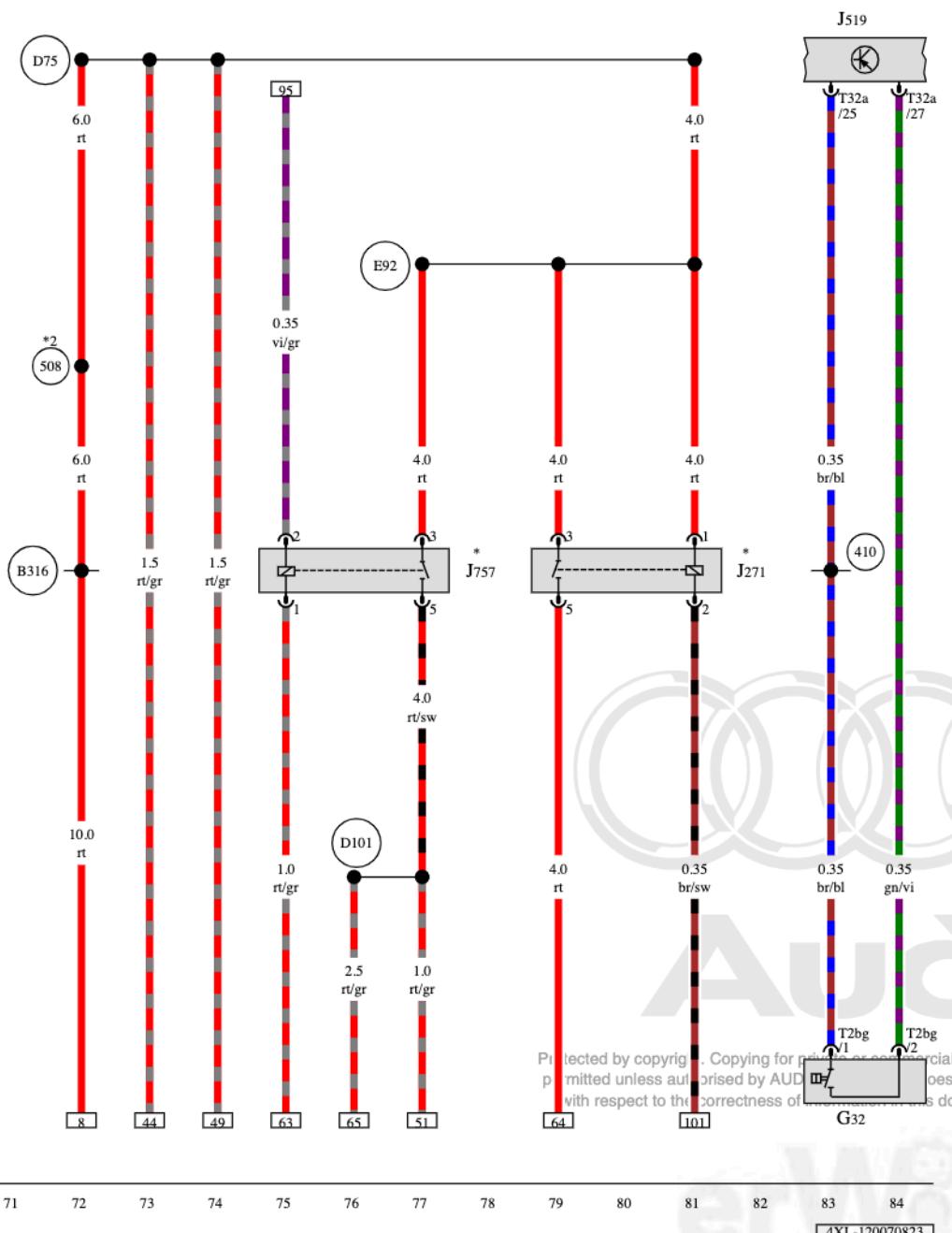
## Fuse Panel A

J532 Voltage Stabilizer  
 N509 Transmission Fluid Cooling Valve  
 SA Fuse Panel A  
 SA9 Fuse 9 (On Fuse Panel A)  
 SA11 Fuse 11 (On Fuse Panel A)  
 SA12 Fuse 12 (On Fuse Panel A)  
 SA13 Fuse 13 (On Fuse Panel A)  
 SA14 Fuse 14 (On Fuse Panel A)  
 SA15 Fuse 15 (On Fuse Panel A)  
 SA16 Fuse 16 (On Fuse Panel A)  
 SA17 Fuse 17 (On Fuse Panel A)  
 T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red  
 D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)  
 D116 Connection 14 (in Engine/Motor Compartment Wiring Harness)  
 D127 Connection 25 (in Engine/Motor Compartment Wiring Harness)  
 D181 Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)  
 D182 Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)

\* For Vehicles with Start/Stop System  
 \*2 Refer to Applicable Wiring Diagram for Automatic Transmission

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Engine Coolant Level Sensor, Motronic Engine Control Module Power Supply Relay, Vehicle Electrical System Control Module, Engine Component Power Supply Relay

- G32 Engine Coolant Level Sensor
- J271 Motronic Engine Control Module Power Supply Relay
- J519 Vehicle Electrical System Control Module
- J757 Engine Component Power Supply Relay
- T2bg 2-Pin Connector
- T32a 32-Pin Connector

#### 410 Sensor Ground Connection 1 (in Main Wiring Harness)

508 Terminal 30 Threaded Connection (On E-Box)

**B316 Positive Connection 2 (30a) (in Main Wiring Harness)**

D75 Positive Connection 2 (30) (in Engine/Motor Compartment Wiring Harness)

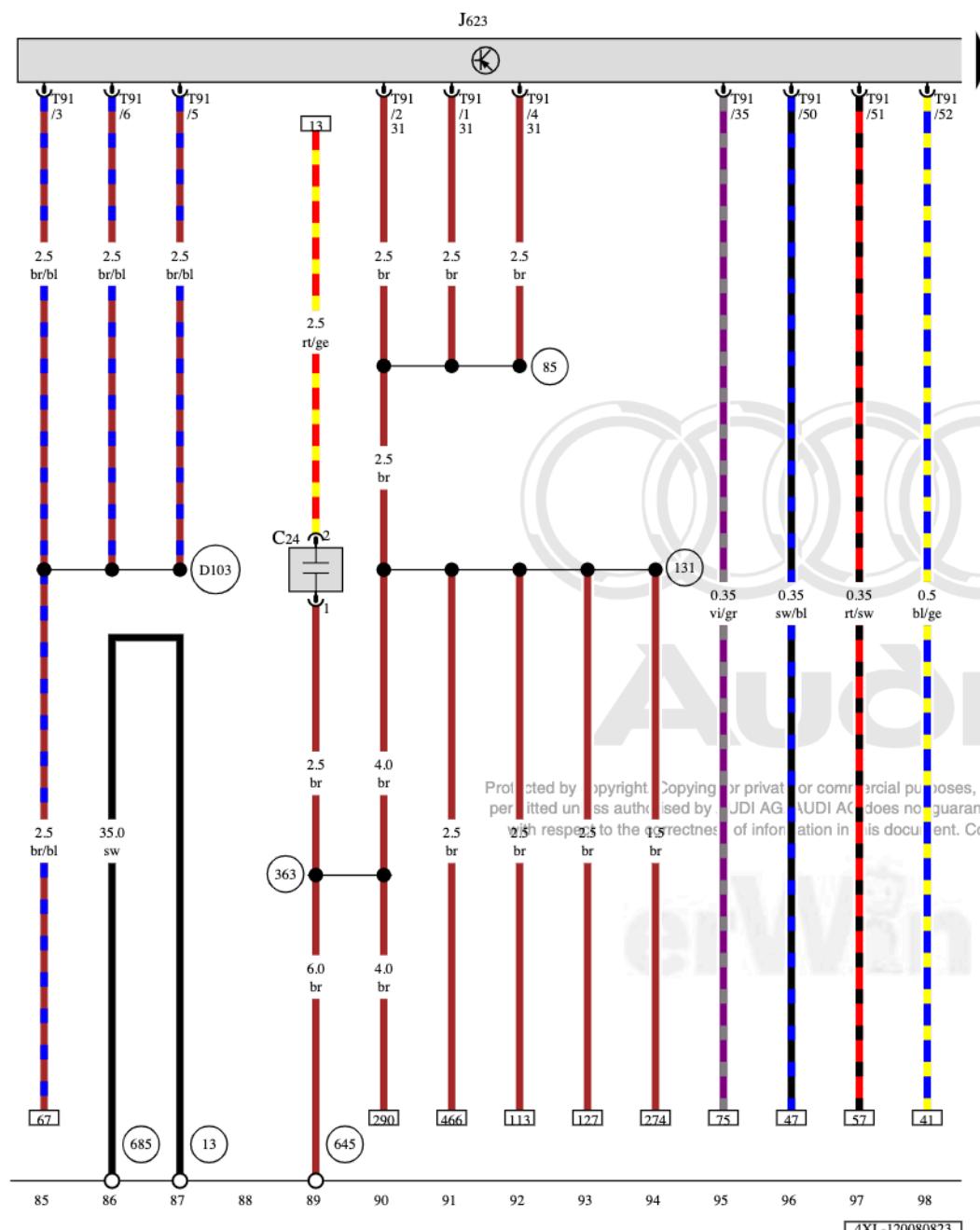
**(D101) Connection 1 (in Engine/Motor Compartment Wiring Harness)**

**E92** Positive Connection 3 (30) (in Engine/Motor Compartment Wiring Harness)

- \* Relay and Fuse Panel in the Plenum Chamber E-Box
- \*2 Threaded Connection in the Plenum Chamber E-Box

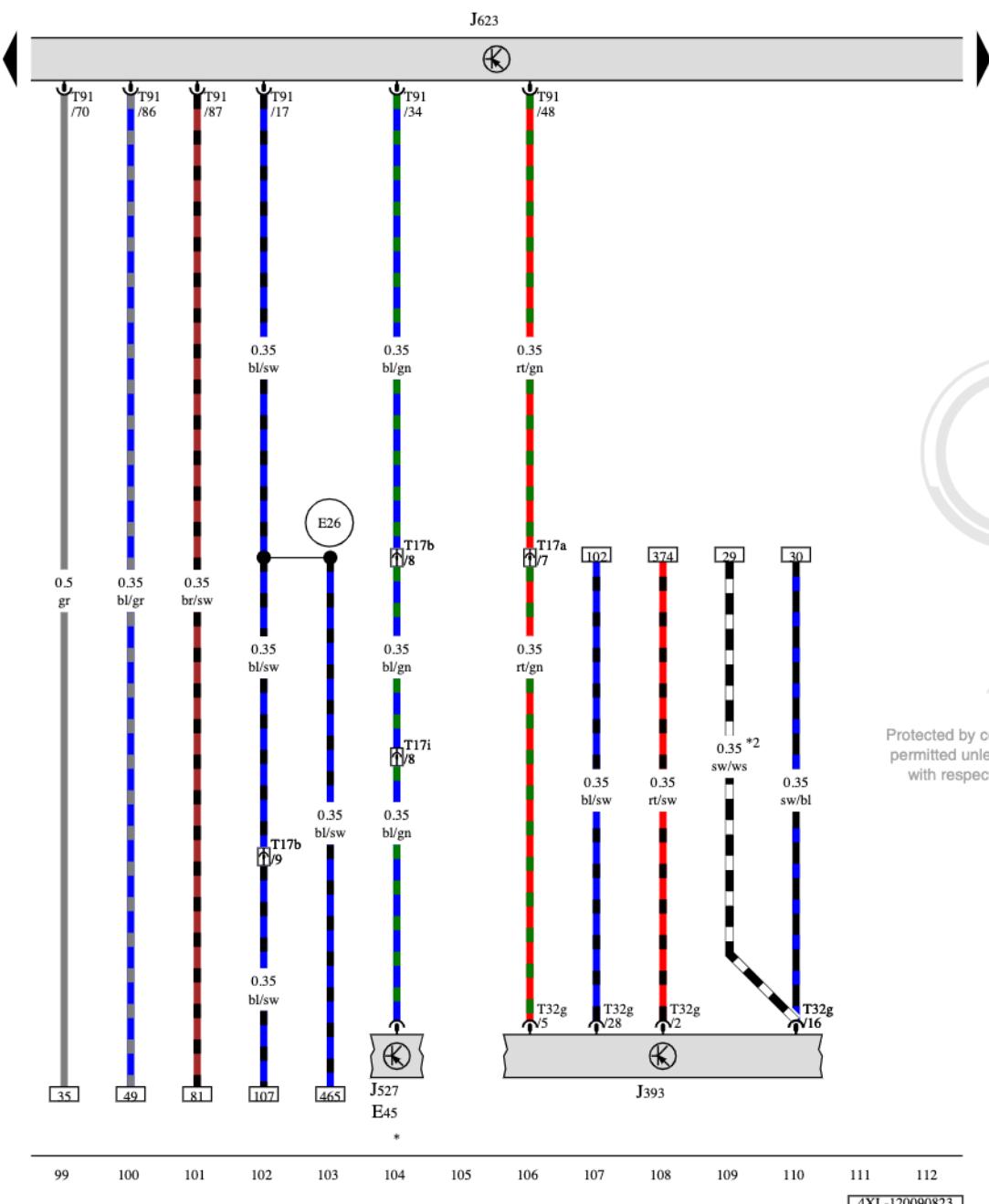
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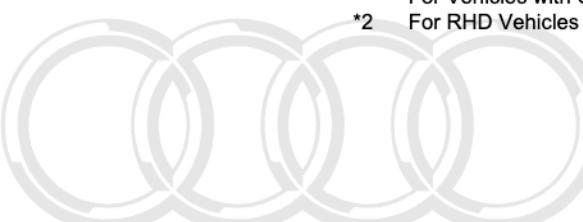
## Suppressor, Engine/Motor Control Module

- C24 Suppressor
- J623 Engine/Motor Control Module
- T91 91-Pin Connector, Black
- 13 Ground Connection in Engine/Motor Compartment, Right
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 363 Ground Connection 8 (in Engine/Motor Compartment Wiring Harness)
- 645 Ground Connection 1 on Bulkhead
- 685 Ground Connection 1 on Right Front Longitudinal Member
- D103 Connection 3 (in Engine/Motor Compartment Wiring Harness)



## Engine/Motor Control Module

- E45 Cruise Control Switch
- J393 Comfort System Central Control Module
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T32g 32-Pin Connector
- T91 91-Pin Connector, Black
- E26 Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)
- \* For Vehicles with Cruise Control System
- \*2 For RHD Vehicles



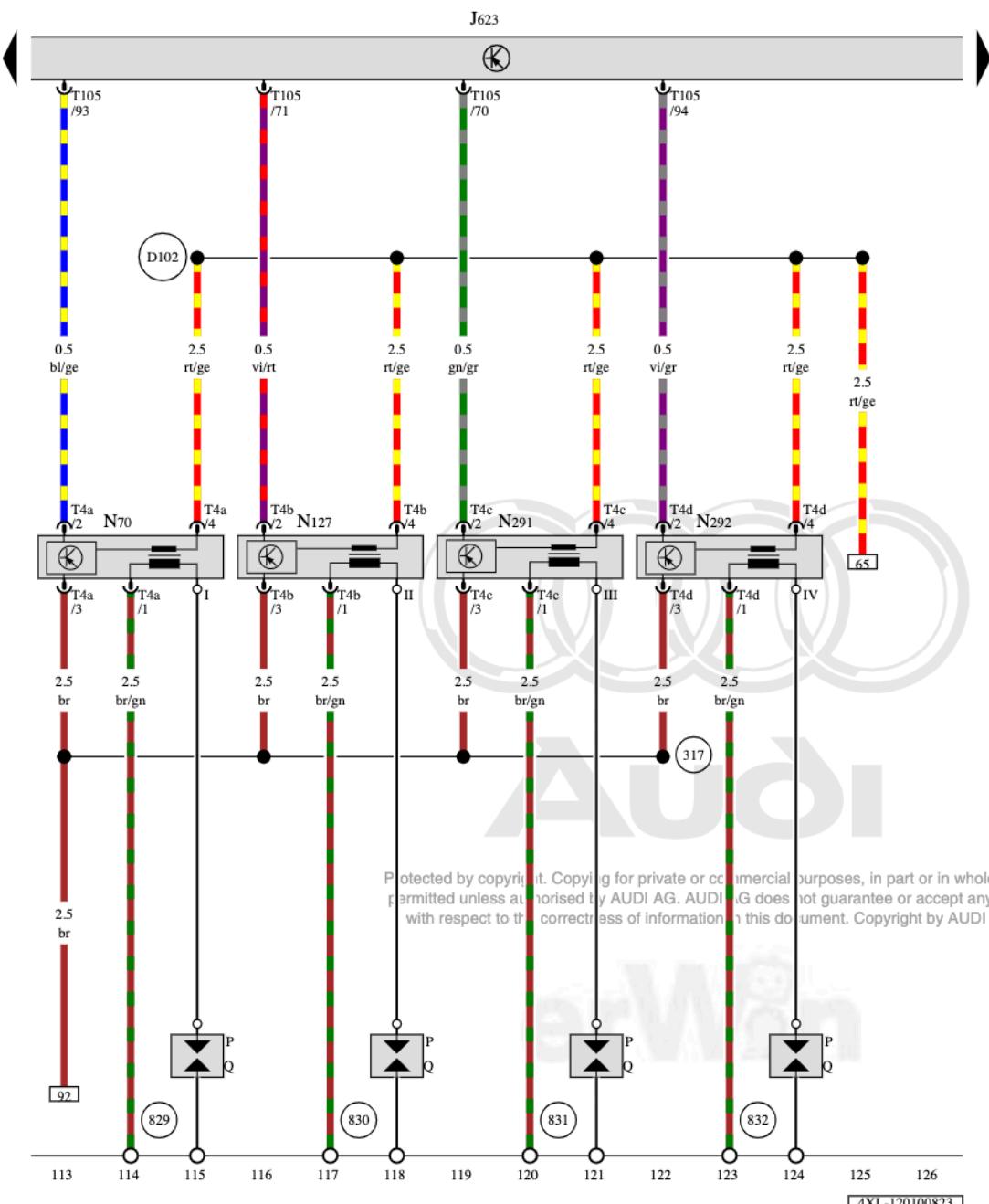
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Engine/Motor Control Module, Ignition Coil 1 with Power Output Stage, Spark Plug Connectors, Spark Plugs

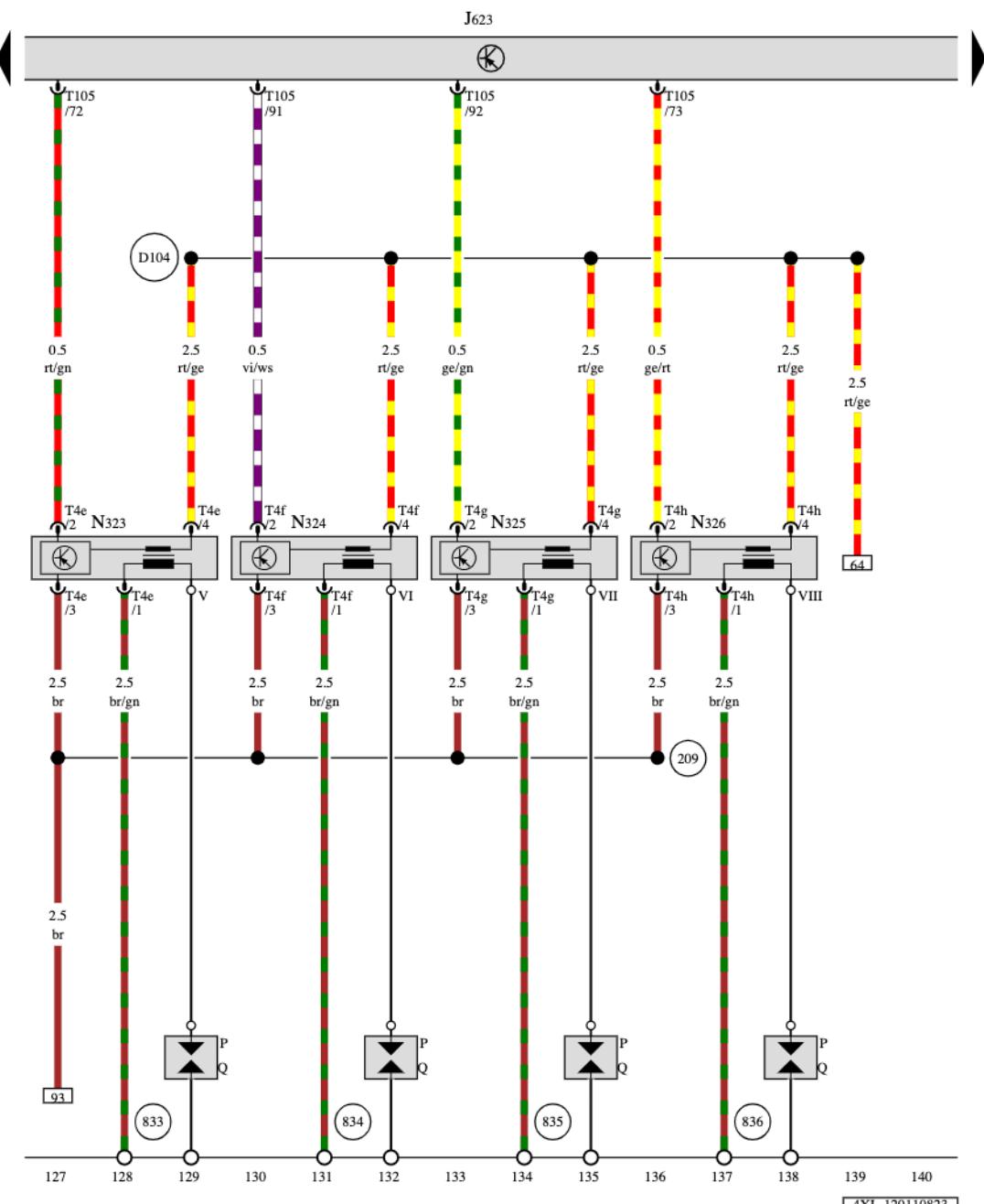


J623	Engine/Motor Control Module
N70	Ignition Coil 1 with Power Output Stage
N127	Ignition Coil 2 with Power Output Stage
N291	Ignition Coil 3 with Power Output Stage
N292	Ignition Coil 4 with Power Output Stage
P	Spark Plug Connectors
Q	Spark Plugs
T4a	4-Pin Connector, Black
T4b	4-Pin Connector, Black
T4c	4-Pin Connector, Black
T4d	4-Pin Connector, Black
T105	105-Pin Connector, Black
317	Ground Connection 7 (in Engine/Motor Compartment Wiring Harness)
829	Ground Connection 1 on Cylinder Head
830	Ground Connection 2 on Cylinder Head
831	Ground Connection 3 on Cylinder Head
832	Ground Connection 4 on Cylinder Head
D102	Connection 2 (in Engine/Motor Compartment Wiring Harness)

Legend for wire colors:

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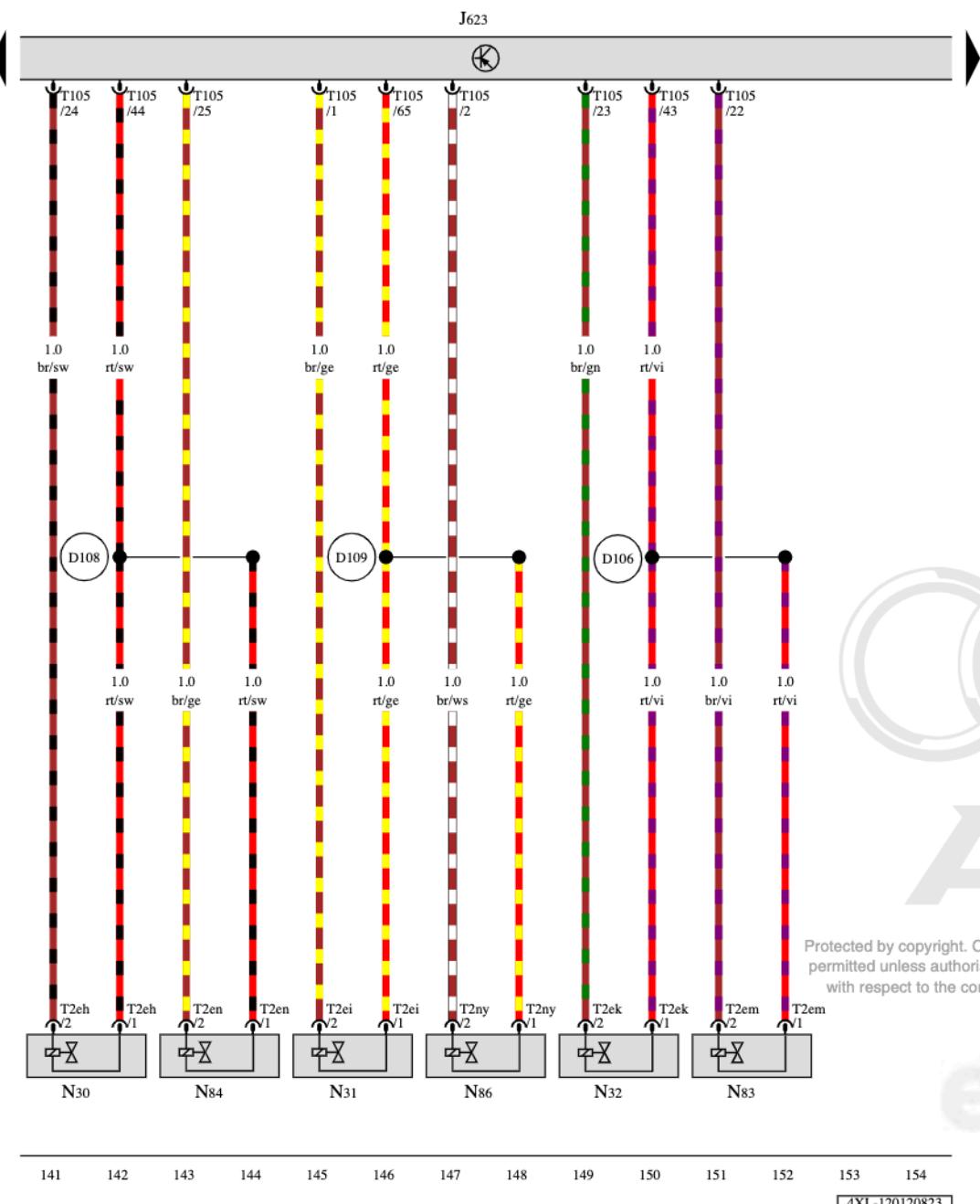


Engine/Motor Control Module, Ignition Coil 5 with Power Output Stage, Spark Plug Connectors, Spark Plugs

J623 Engine/Motor Control Module  
 N323 Ignition Coil 5 with Power Output Stage  
 N324 Ignition Coil 6 with Power Output Stage  
 N325 Ignition Coil 7 with Power Output Stage  
 N326 Ignition Coil 8 with Power Output Stage  
 P Spark Plug Connectors  
 Q Spark Plugs  
 T4e 4-Pin Connector, Black  
 T4f 4-Pin Connector, Black  
 T4g 4-Pin Connector, Black  
 T4h 4-Pin Connector, Black  
 T105 105-Pin Connector, Black  
 209 Ground Connection 6 (in Engine/Motor Compartment Wiring Harness)  
 833 Ground Connection 5 on Cylinder Head  
 834 Ground Connection 6 on Cylinder Head  
 835 Ground Connection 7 on Cylinder Head  
 836 Ground Connection 8 on Cylinder Head  
 D104 Positive Connection 2 (30a) (in Engine/Motor Compartment Wiring Harness)

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Engine/Motor Control Module, Cylinder 1 Fuel Injector,  
Cylinder 2 Fuel Injector, Cylinder 3 Fuel Injector, Cylinder  
5 Fuel Injector, Cylinder 6 Fuel Injector, Cylinder 8 Fuel  
Injector

J623 Engine/Motor Control Module  
N30 Cylinder 1 Fuel Injector  
N31 Cylinder 2 Fuel Injector  
N32 Cylinder 3 Fuel Injector  
N83 Cylinder 5 Fuel Injector  
N84 Cylinder 6 Fuel Injector  
N86 Cylinder 8 Fuel Injector  
T2eh 2-Pin Connector  
T2ei 2-Pin Connector  
T2ek 2-Pin Connector  
T2em 2-Pin Connector  
T2en 2-Pin Connector  
T2ny 2-Pin Connector  
T105 105-Pin Connector, Black

D106 Connection 4 (in Engine/Motor Compartment Wiring Harness)

D108 Connection 6 (in Engine/Motor Compartment Wiring Harness)

D109 Connection 7 (in Engine/Motor Compartment Wiring Harness)

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sw = black

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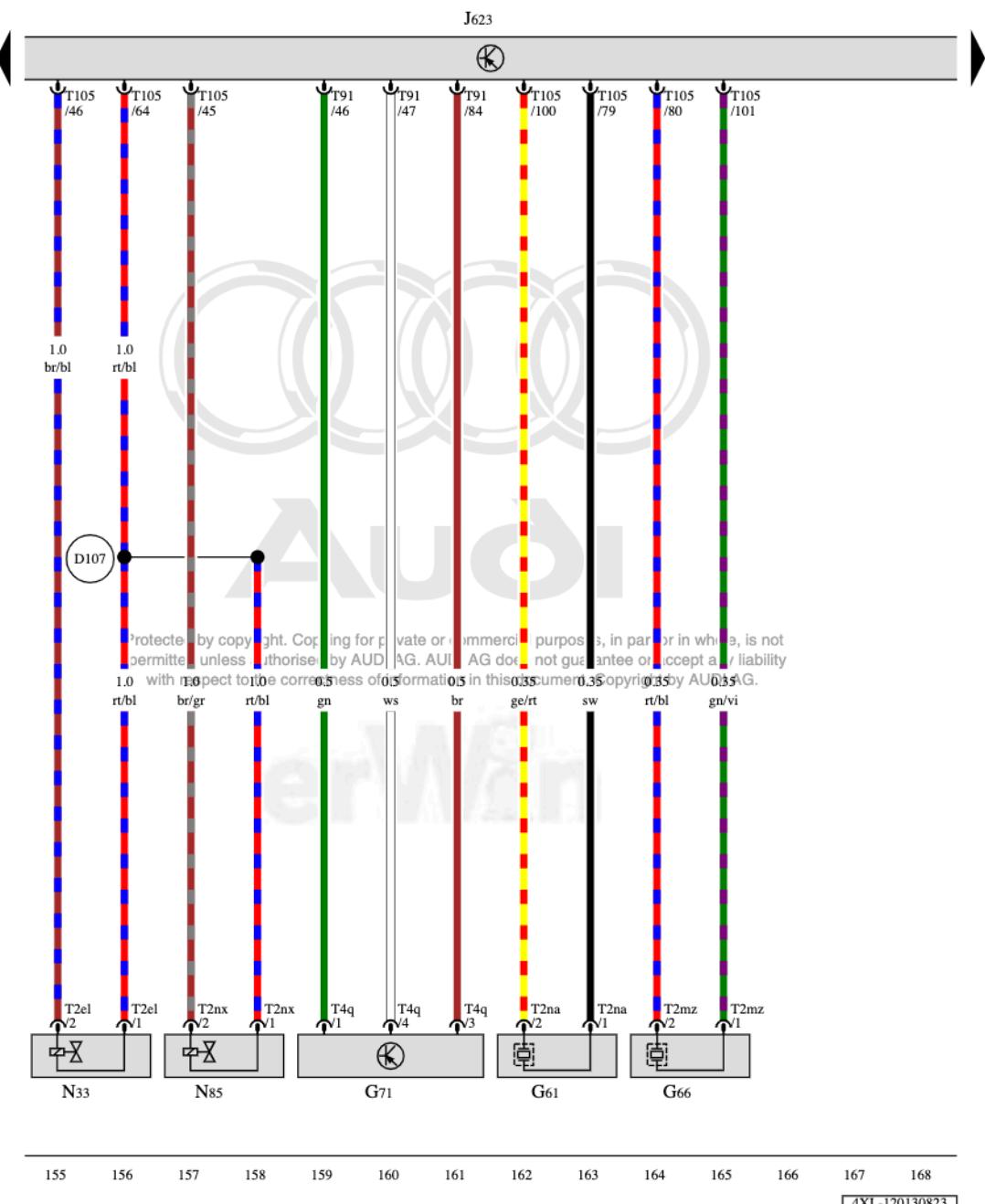
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Knock Sensor 1, Knock Sensor 2, Manifold Absolute Pressure Sensor, Engine/Motor Control Module, Cylinder 4 Fuel Injector, Cylinder 7 Fuel Injector

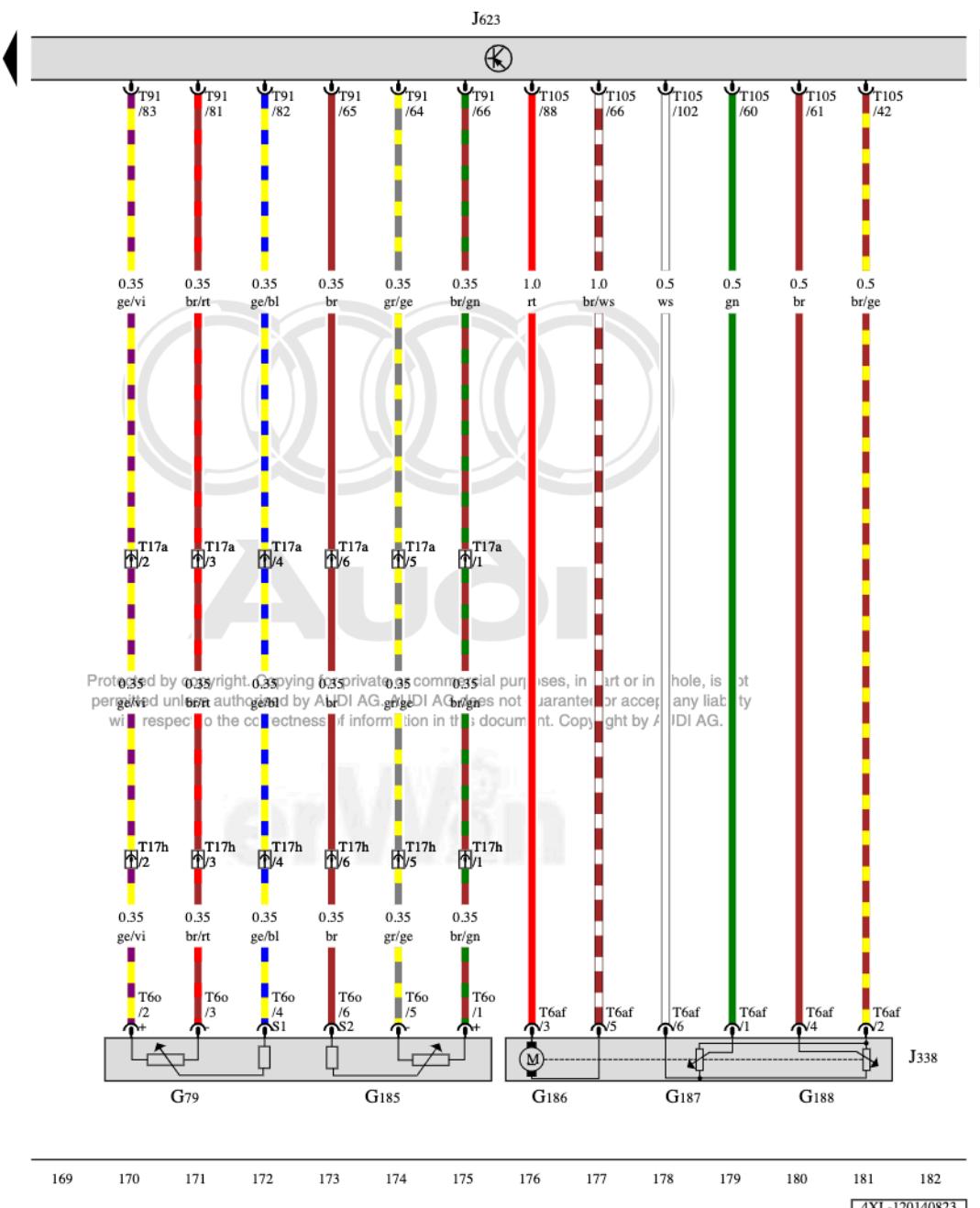


G61 Knock Sensor 1  
 G66 Knock Sensor 2  
 G71 Manifold Absolute Pressure Sensor  
 J623 Engine/Motor Control Module  
 N33 Cylinder 4 Fuel Injector  
 N85 Cylinder 7 Fuel Injector  
 T2el 2-Pin Connector  
 T2mx 2-Pin Connector  
 T2na 2-Pin Connector  
 T2nx 2-Pin Connector  
 T4q 4-Pin Connector  
 T91 91-Pin Connector, Black  
 T105 105-Pin Connector, Black

D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)

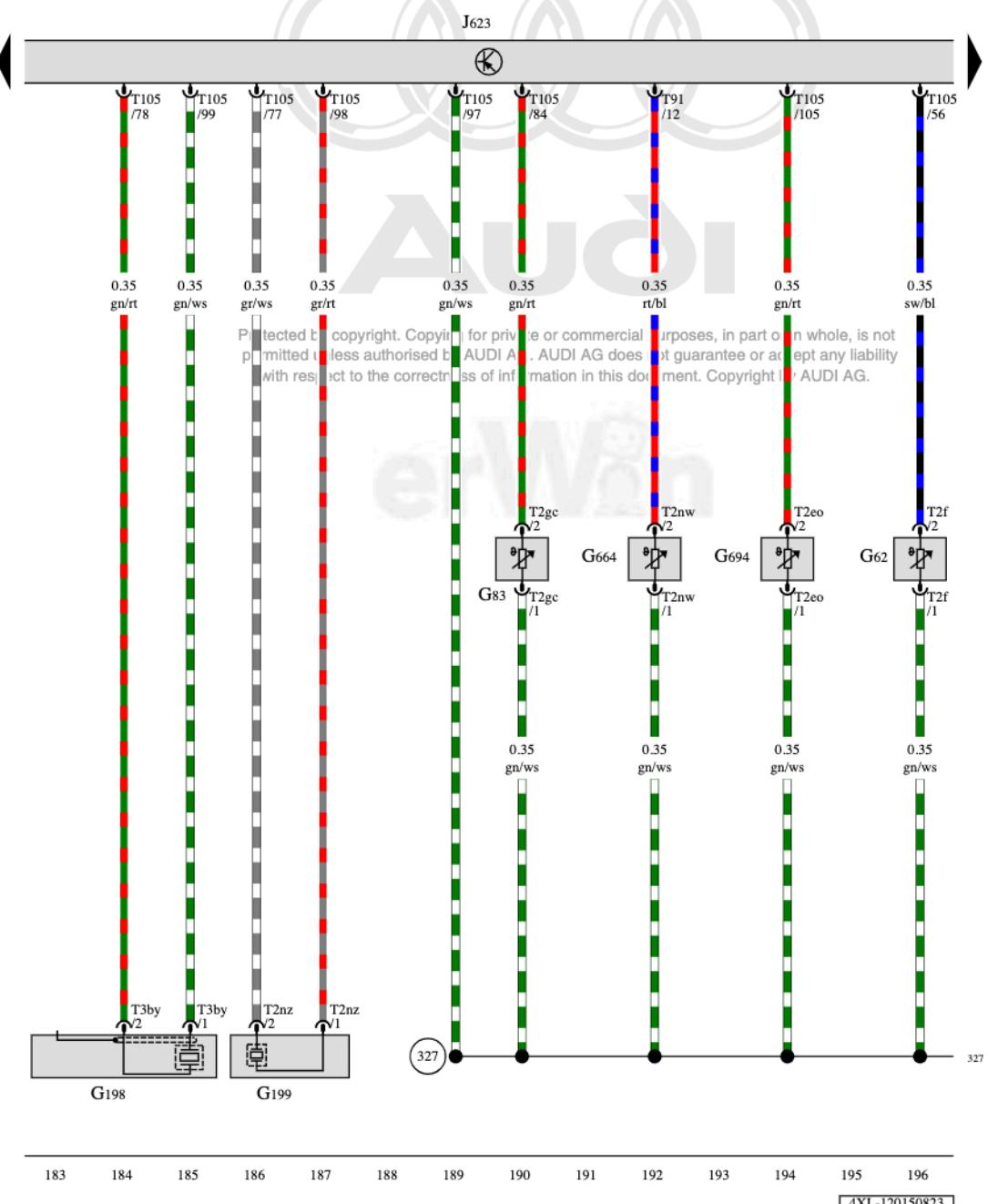
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## Accelerator Pedal Position Sensor, Throttle Valve Control Module, Engine/Motor Control Module



G79 Accelerator Pedal Position Sensor  
 G185 Accelerator Pedal Position Sensor 2  
 G186 EPC Throttle Drive  
 G187 EPC Throttle Drive Angle Sensor 1  
 G188 EPC Throttle Drive Angle Sensor 2  
 J338 Throttle Valve Control Module  
 J623 Engine/Motor Control Module  
 T6af 6-Pin Connector  
 T6o 6-Pin Connector, Black  
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White  
 T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red  
 T91 91-Pin Connector, Black  
 T105 105-Pin Connector, Black

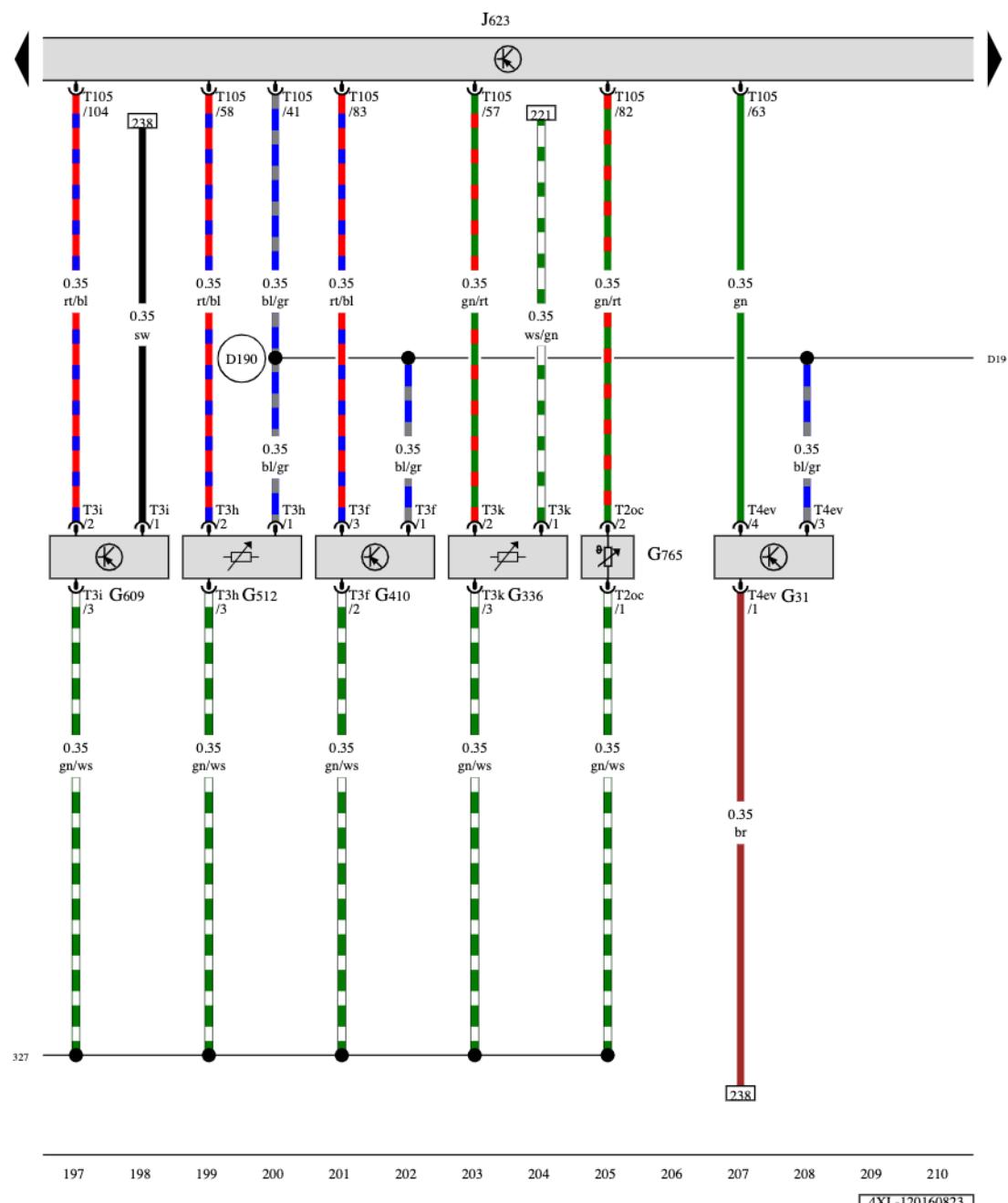
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Engine Coolant Temperature Sensor, Engine Coolant Temperature Sensor on Radiator Outlet, Knock Sensor 3, Knock Sensor 4, Oil Temperature Sensor 2, Engine Temperature Control Sensor, Engine/Motor Control Module

- G62 Engine Coolant Temperature Sensor
- G83 Engine Coolant Temperature Sensor on Radiator Outlet
- G198 Knock Sensor 3
- G199 Knock Sensor 4
- G664 Oil Temperature Sensor 2
- G694 Engine Temperature Control Sensor
- J623 Engine/Motor Control Module
- T2eo 2-Pin Connector
- T2f 2-Pin Connector
- T2gc 2-Pin Connector
- T2nw 2-Pin Connector
- T2nz 2-Pin Connector
- T3by 3-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- 327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)

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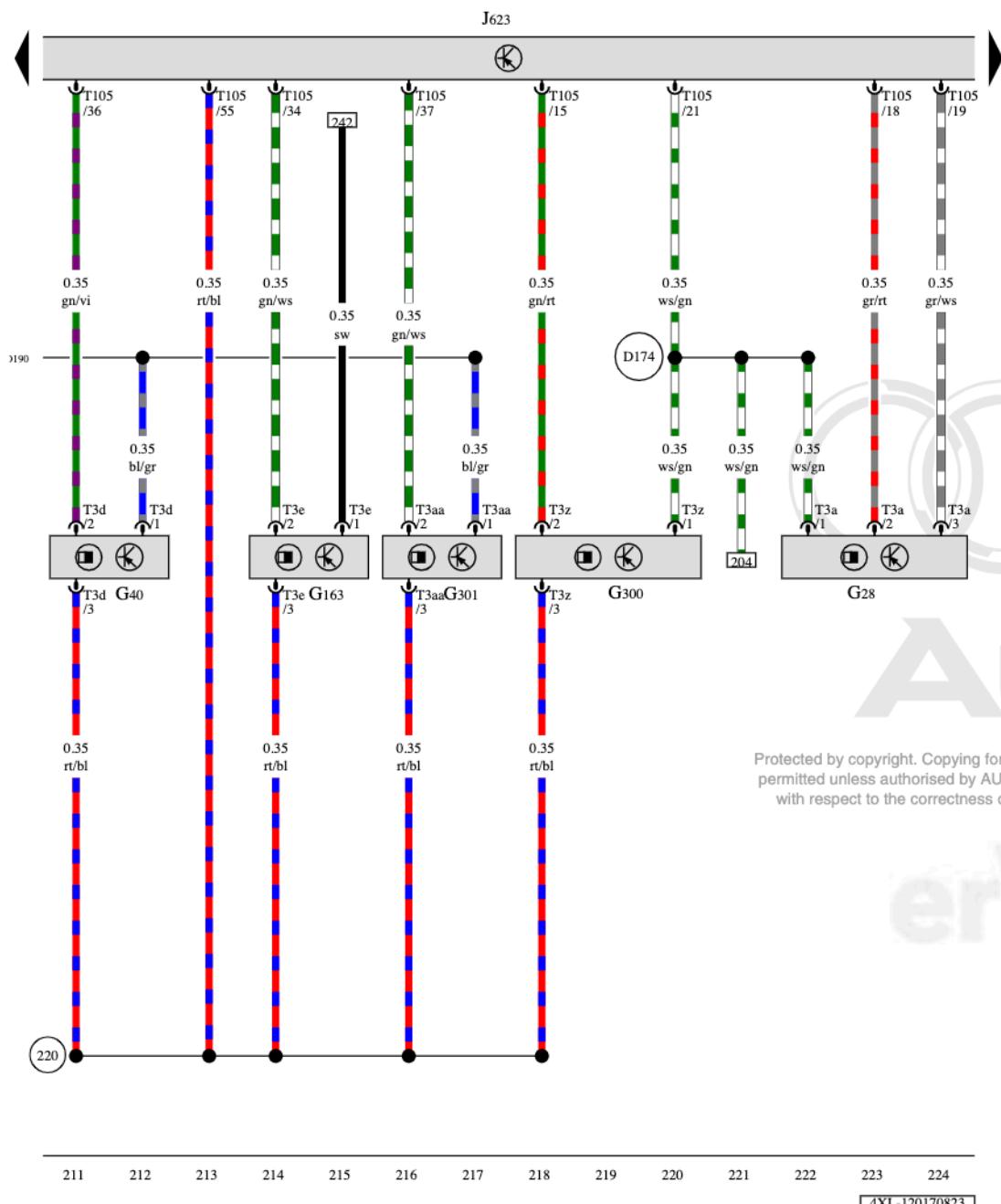
Charge Air Pressure Sensor, Intake Manifold Runner Position Sensor, Low Fuel Pressure Sensor, Intake Manifold Runner Position Sensor 2, Secondary Air Injection Sensor 1, Engine Cover Temperature Sensor, Engine/Motor Control Module

- G31 Charge Air Pressure Sensor
- G336 Intake Manifold Runner Position Sensor
- G410 Low Fuel Pressure Sensor
- G512 Intake Manifold Runner Position Sensor 2
- G609 Secondary Air Injection Sensor 1
- G765 Engine Cover Temperature Sensor
- J623 Engine/Motor Control Module
- T2oc 2-Pin Connector
- T3f 3-Pin Connector
- T3h 3-Pin Connector
- T3i 3-Pin Connector
- T3k 3-Pin Connector
- T4ev 4-Pin Connector
- T105 105-Pin Connector, Black
- 327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)
- D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)



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Engine Speed Sensor, Camshaft Position Sensor, Camshaft Position Sensor 2, Camshaft Position Sensor 3, Camshaft Position Sensor 4, Engine/Motor Control Module

G28	Engine Speed Sensor
G40	Camshaft Position Sensor
G163	Camshaft Position Sensor 2
G300	Camshaft Position Sensor 3
G301	Camshaft Position Sensor 4
J623	Engine/Motor Control Module

### T3a 3-Pin Connector

### T3aa 3-Pin Connector

### T3d 3-Pin Connector

### T3e 3-Pin Connector

### T3z 3-Pin Connector

## T105 105-Pin Connector,

## 220 Sensor Ground Connection (in Engine Wiring Harness)

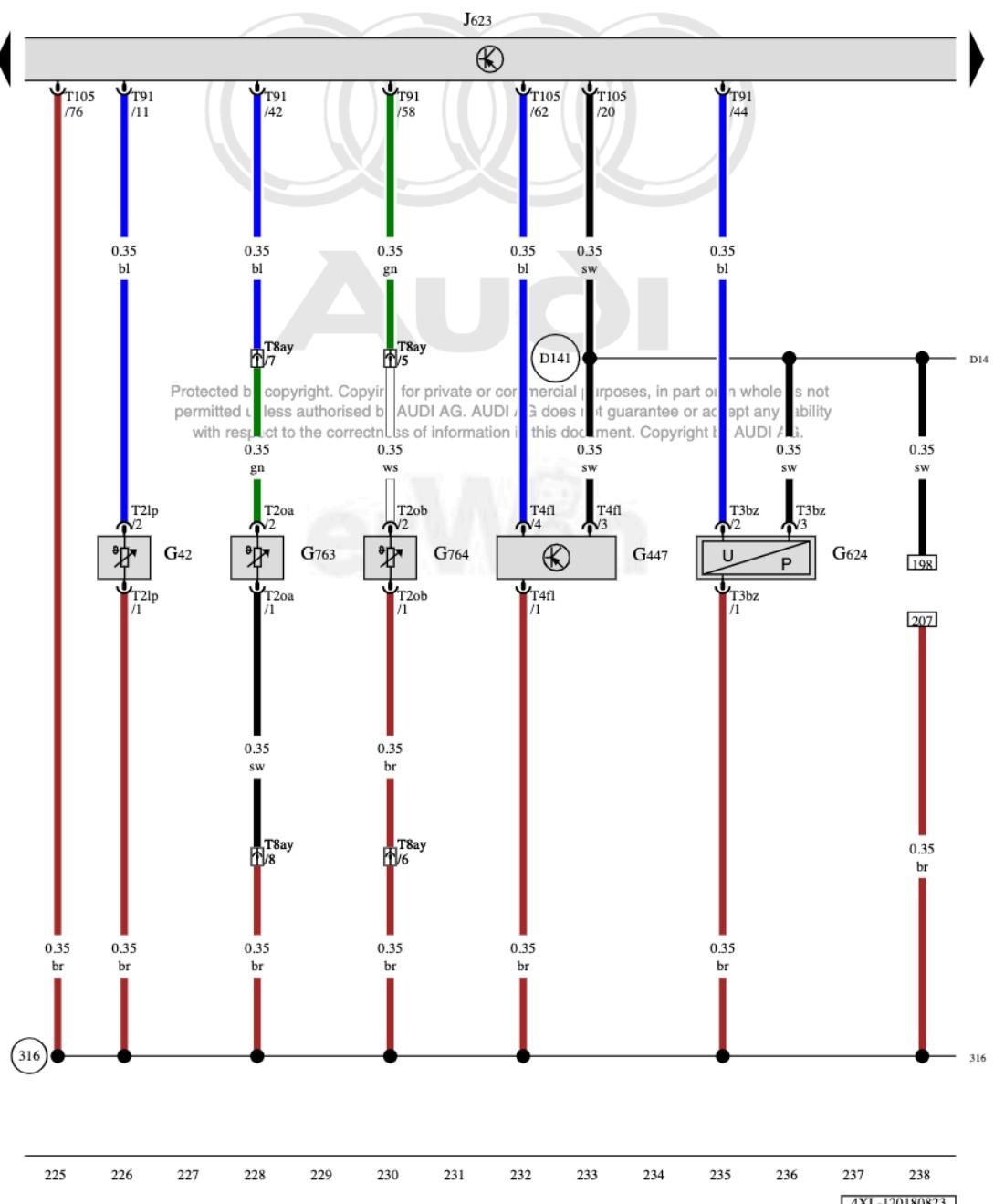
D174 Connection 2 (5V) (in Engine Pre-Wiring Harness)

D100 Connection 2 (EV) (in Engine Bus Wiring Harness)

D190 Connection 3 (5V) (In Engine Pre-Wiring Harness)

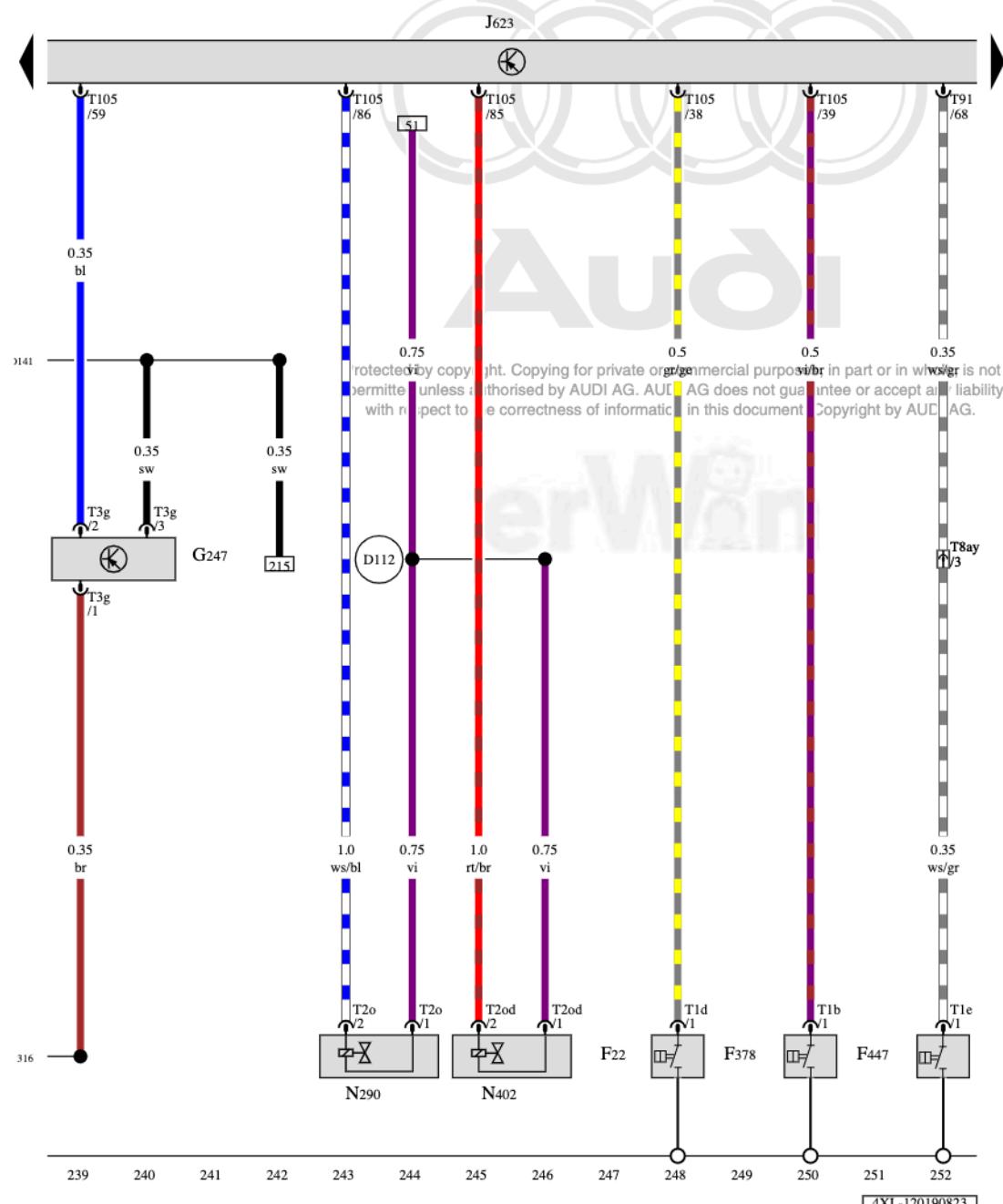
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Intake Air Temperature Sensor, Charge Air Pressure Sensor 2, Fuel Pressure Sensor 2, Charge Air Cooler Temperature Sensor 1, Engine/Motor Control Module

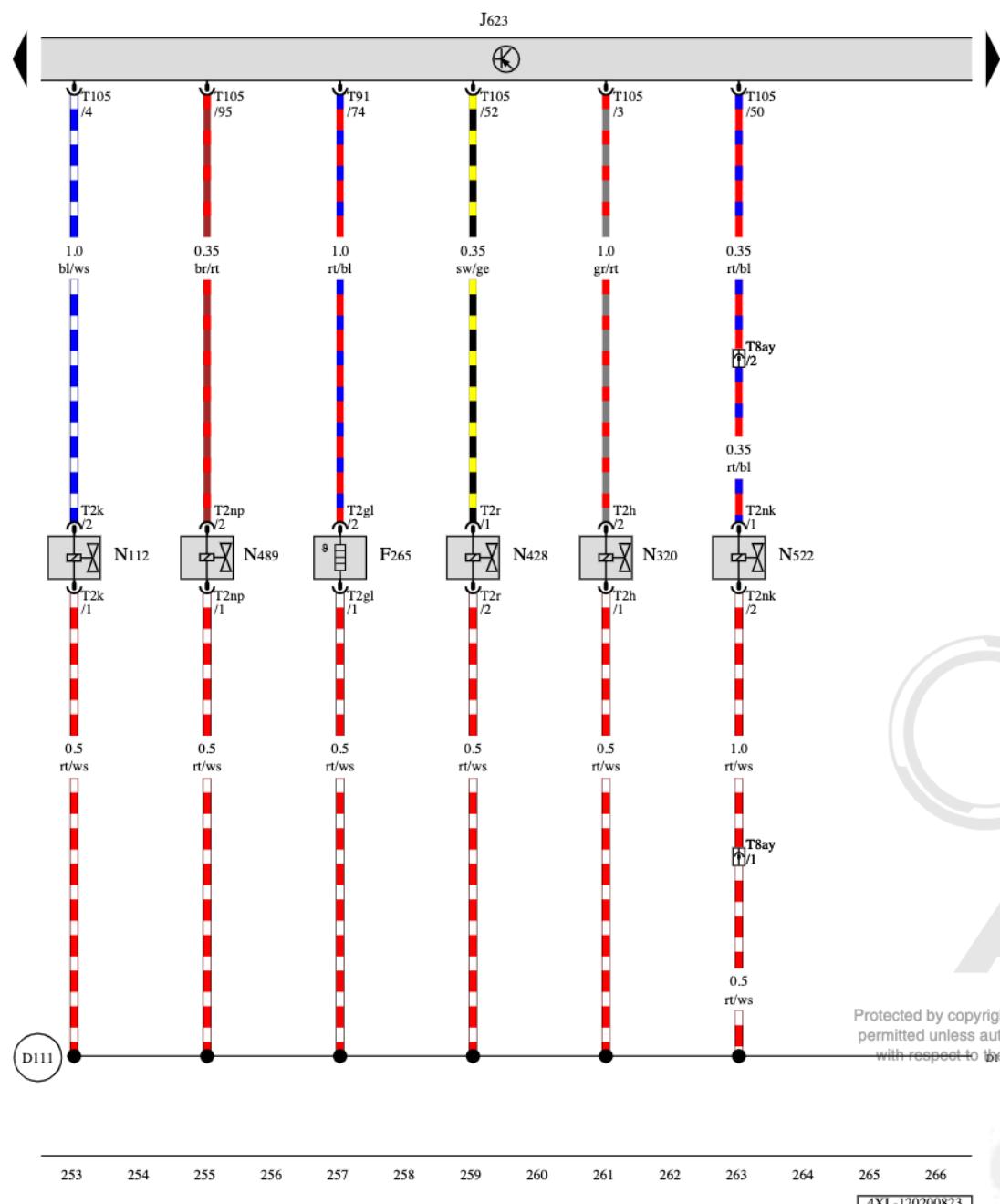
- G42 Intake Air Temperature Sensor
- G447 Charge Air Pressure Sensor 2
- G624 Fuel Pressure Sensor 2
- G763 Charge Air Cooler Temperature Sensor 1
- G764 Charge Air Cooler Temperature Sensor 2
- J623 Engine/Motor Control Module
- T2lp 2-Pin Connector
- T2oa 2-Pin Connector
- T2ob 2-Pin Connector
- T3bz 3-Pin Connector
- T4fl 4-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- 316 Sensor Ground Connection 2 (in Engine Wiring Harness)
- D141 Connection 5V (in Engine Pre-Wiring Harness)



Oil Pressure Switch, Reduced Oil Pressure Switch, Oil Pressure Switch, Level 3, Fuel Pressure Sensor, Engine/Motor Control Module, Fuel Metering Valve

- F22 Oil Pressure Switch
- F378 Reduced Oil Pressure Switch
- F447 Oil Pressure Switch, Level 3
- G247 Fuel Pressure Sensor
- J623 Engine/Motor Control Module
- N290 Fuel Metering Valve
- N402 Fuel Metering Valve 2
- T1b 1-Pin Connector
- T1d 1-Pin Connector
- T1e 1-Pin Connector
- T2o 2-Pin Connector
- T2od 2-Pin Connector
- T3g 3-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- 316 Sensor Ground Connection 2 (in Engine Wiring Harness)
- D112 Connection 10 (in Engine/Motor Compartment Wiring Harness)
- D141 Connection 5V (in Engine Pre-Wiring Harness)

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Map Controlled Engine Cooling Thermostat, Engine/Motor Control Module, Secondary Air Injection Solenoid Valve, Secondary Air Injection Solenoid Valve 2, Oil Pressure Regulation Valve, Cylinder Head Coolant Valve, Piston Cooling Nozzle Control Valve

F265 Map Controlled Engine Cooling Thermostat

J623 Engine/Motor Control Module

N112 Secondary Air Injection Solenoid Valve

N320 Secondary Air Injection Solenoid Valve 2

N428 Oil Pressure Regulation Valve

N489 Cylinder Head Coolant Valve

N522 Piston Cooling Nozzle Control Valve

T2gl 2-Pin Connector

T2h 2-Pin Connector

T2k 2-Pin Connector

T2nk 2-Pin Connector

T2np 2-Pin Connector

T2r 2-Pin Connector

T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front

T91 91-Pin Connector, Black

T105 105-Pin Connector, Black

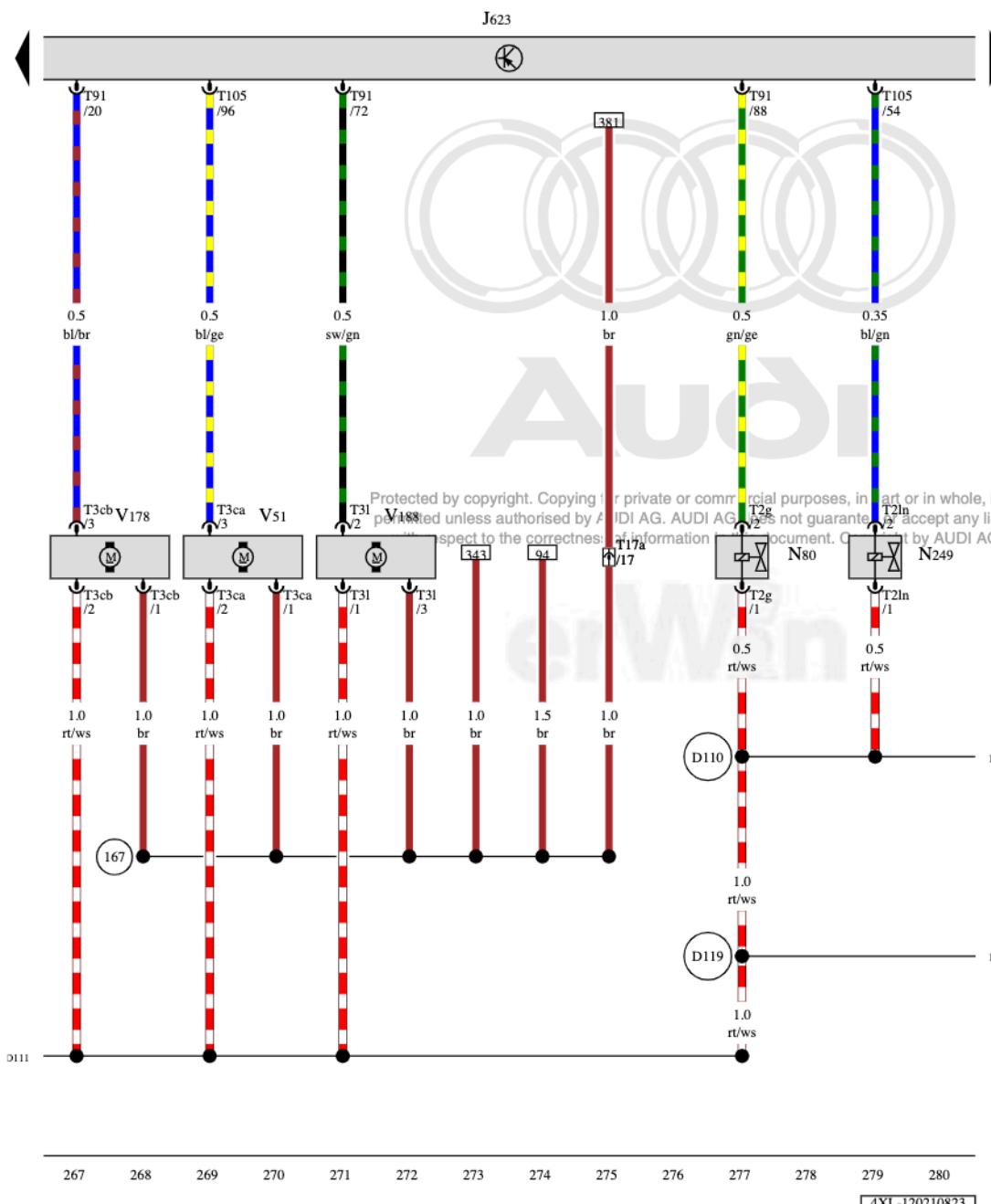
D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)



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Engine/Motor Control Module, EVAP Canister Purge Regulator Valve 1, Turbocharger Recirculation Valve, After-Run Coolant Pump, Engine Coolant Circulation Pump 2, Charge Air Cooling Pump

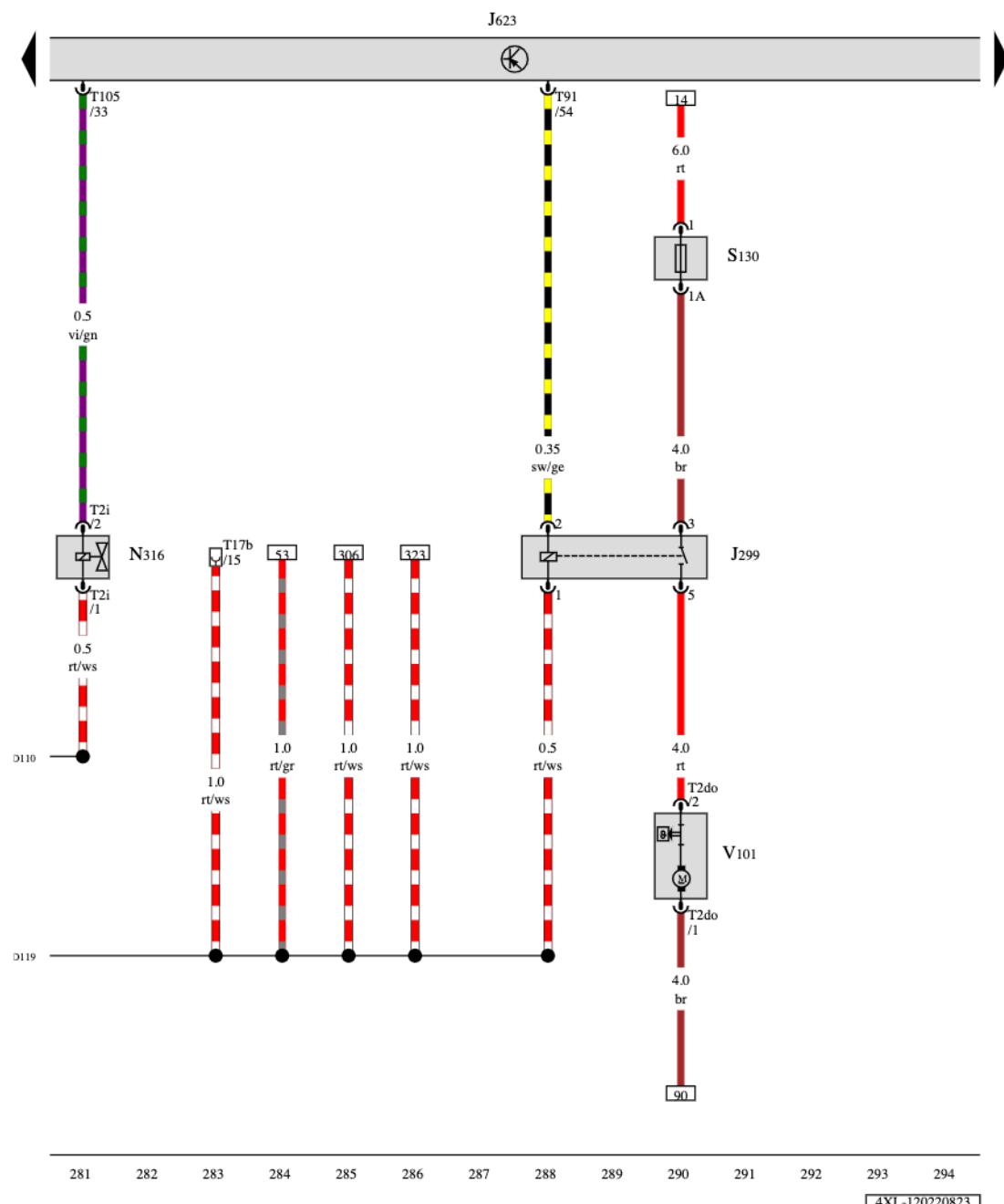
J623 Engine/Motor Control Module  
 N80 EVAP Canister Purge Regulator Valve 1  
 N249 Turbocharger Recirculation Valve  
 T2g 2-Pin Connector  
 T2In 2-Pin Connector  
 T3ca 3-Pin Connector  
 T3cb 3-Pin Connector  
 T3I 3-Pin Connector  
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White  
 T91 91-Pin Connector, Black  
 T105 105-Pin Connector, Black  
 V51 After-Run Coolant Pump  
 V178 Engine Coolant Circulation Pump 2  
 V188 Charge Air Cooling Pump

167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)

D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)

D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)

D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)



Secondary Air Injection Pump Relay, Engine/Motor Control Module, Intake Manifold Runner Control Valve, Secondary Air Injection Pump Fuse

J299 Secondary Air Injection Pump Relay  
 J623 Engine/Motor Control Module  
 N316 Intake Manifold Runner Control Valve  
 S130 Secondary Air Injection Pump Fuse  
 T2do 2-Pin Connector  
 T2i 2-Pin Connector  
 T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red  
 T91 91-Pin Connector, Black  
 T105 105-Pin Connector, Black  
 V101 Secondary Air Injection Pump Motor

D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)

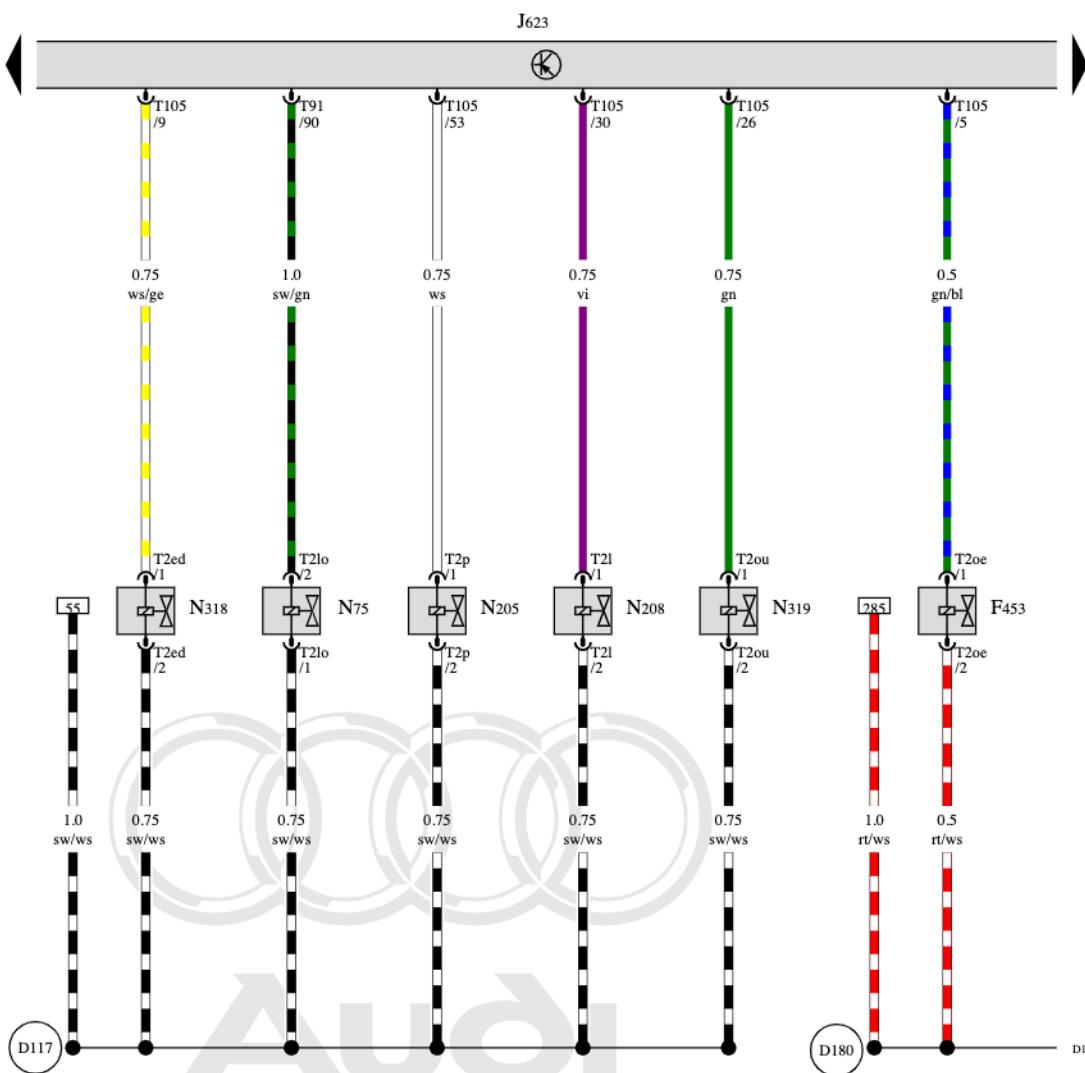
D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)



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 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
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Cylinder 2 Intake Cam Actuator 2, Engine/Motor Control Module, Wastegate Bypass Regulator Valve, Camshaft Adjustment Valve 1, Exhaust Camshaft Adjustment Valve 1

1

F453 Cylinder 2 Intake Cam Actuator 2  
 J623 Engine/Motor Control Module  
 N75 Wastegate Bypass Regulator Valve  
 N205 Camshaft Adjustment Valve 1  
 N208 Camshaft Adjustment Valve 2  
 N318 Exhaust Camshaft Adjustment Valve 1  
 N319 Exhaust Camshaft Adjustment Valve 2  
 T2ed 2-Pin Connector  
 T2i 2-Pin Connector  
 T2lo 2-Pin Connector  
 T2oe 2-Pin Connector  
 T2ou 2-Pin Connector  
 T2p 2-Pin Connector  
 T91 91-Pin Connector, Black  
 T105 105-Pin Connector, Black

D117 Connection 15 (in Engine/Motor Compartment Wiring Harness)

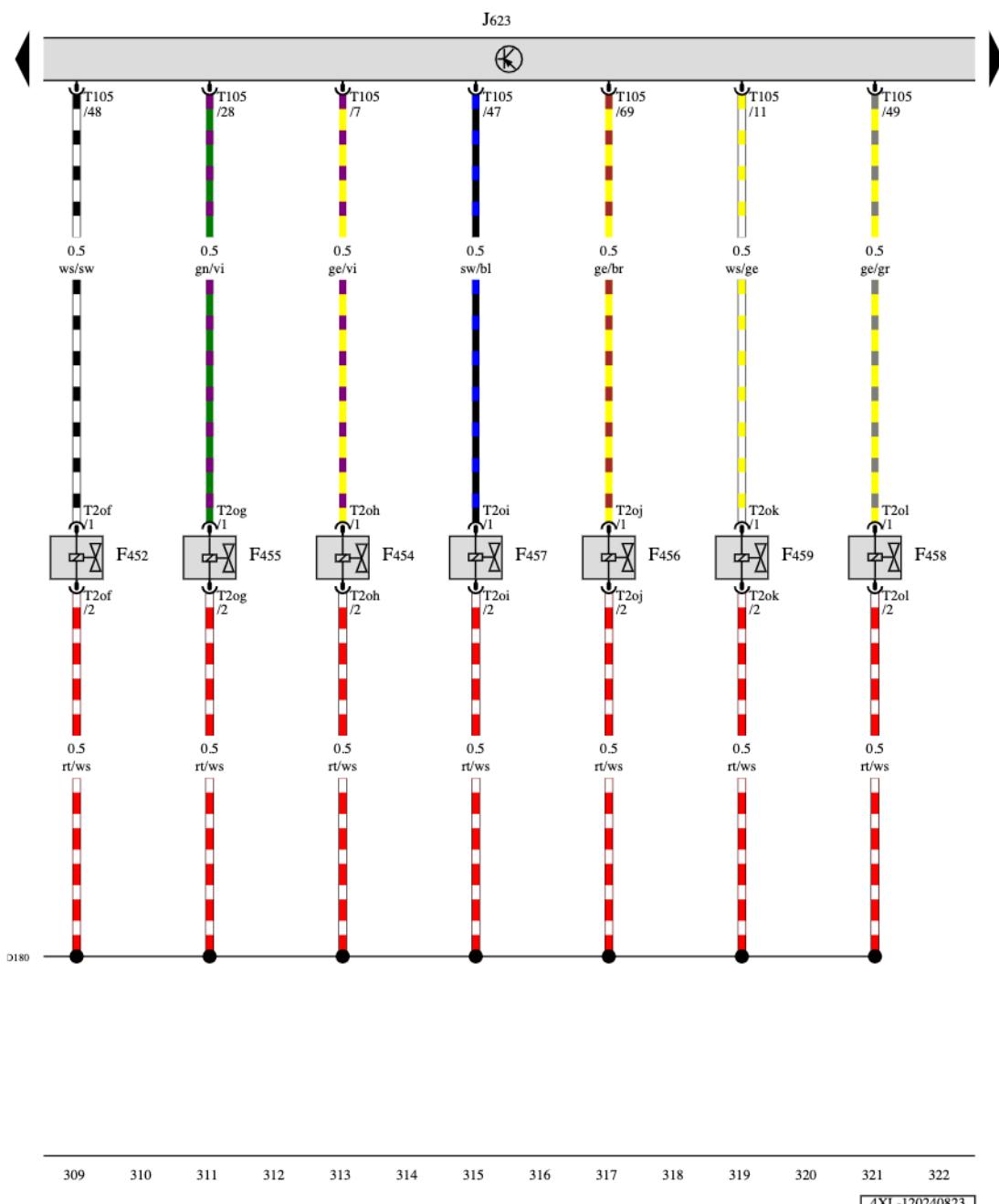
D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)

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295 296 297 298 299 300 301 302 303 304 305 306 307 308

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**Cylinder 3 Intake Cam Actuator 2, Engine/Motor Control Module**

F452 Cylinder 2 Intake Cam Actuator 1  
 F454 Cylinder 2 Exhaust Cam Actuator 1  
 F455 Cylinder 2 Exhaust Cam Actuator 2  
 F456 Cylinder 3 Intake Cam Actuator 1  
 F457 Cylinder 3 Intake Cam Actuator 2  
 F458 Cylinder 3 Exhaust Cam Actuator 1  
 F459 Cylinder 3 Exhaust Cam Actuator 2  
 J623 Engine/Motor Control Module  
 T2of 2-Pin Connector  
 T2og 2-Pin Connector  
 T2oh 2-Pin Connector  
 T2oi 2-Pin Connector  
 T2oj 2-Pin Connector  
 T2ok 2-Pin Connector  
 T2ol 2-Pin Connector  
 T105 105-Pin Connector, Black

D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)



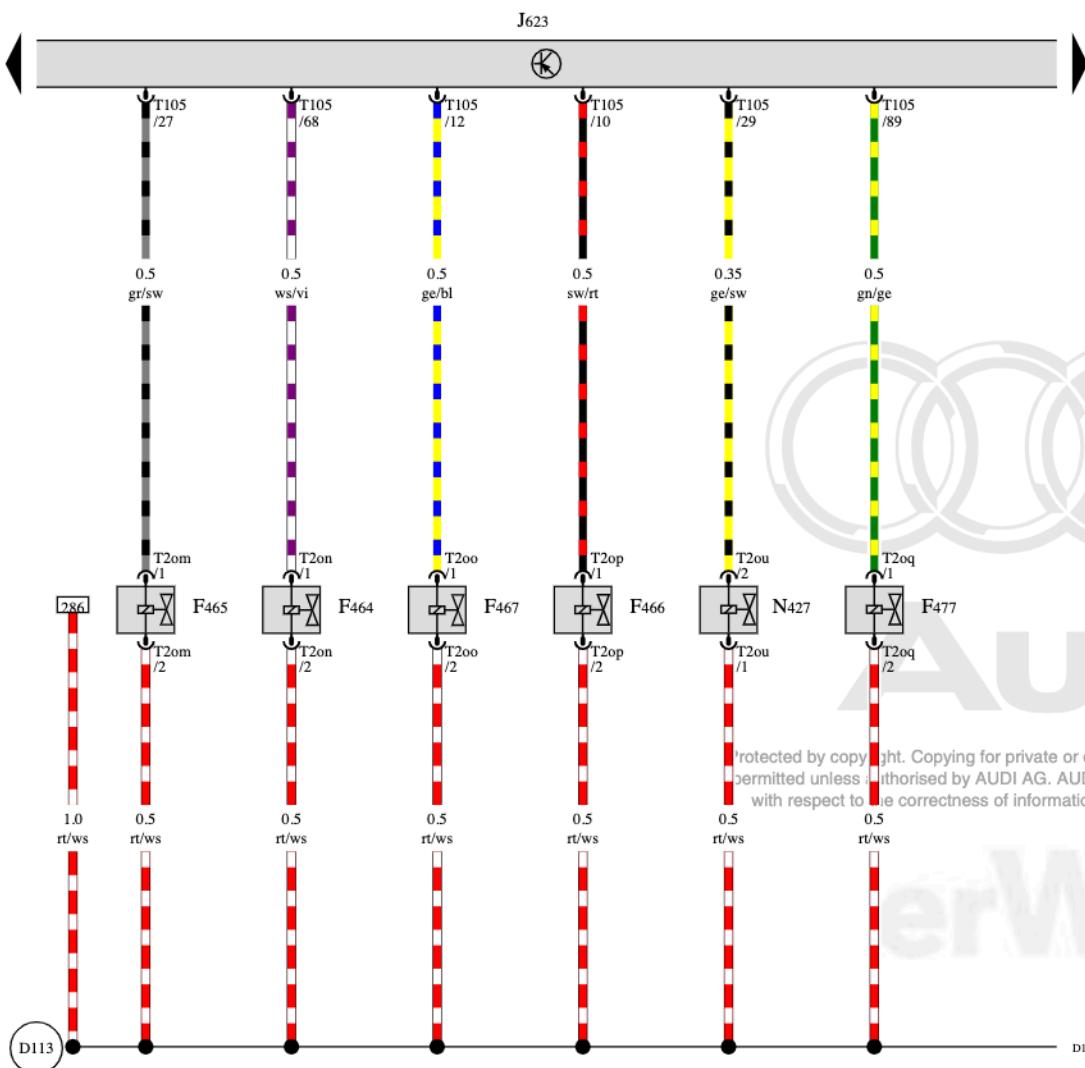
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 or = orange  
 rs = pink

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Cylinder 5 Intake Cam Actuator 2, Cylinder 8 Intake Cam Actuator 2, Engine/Motor Control Module

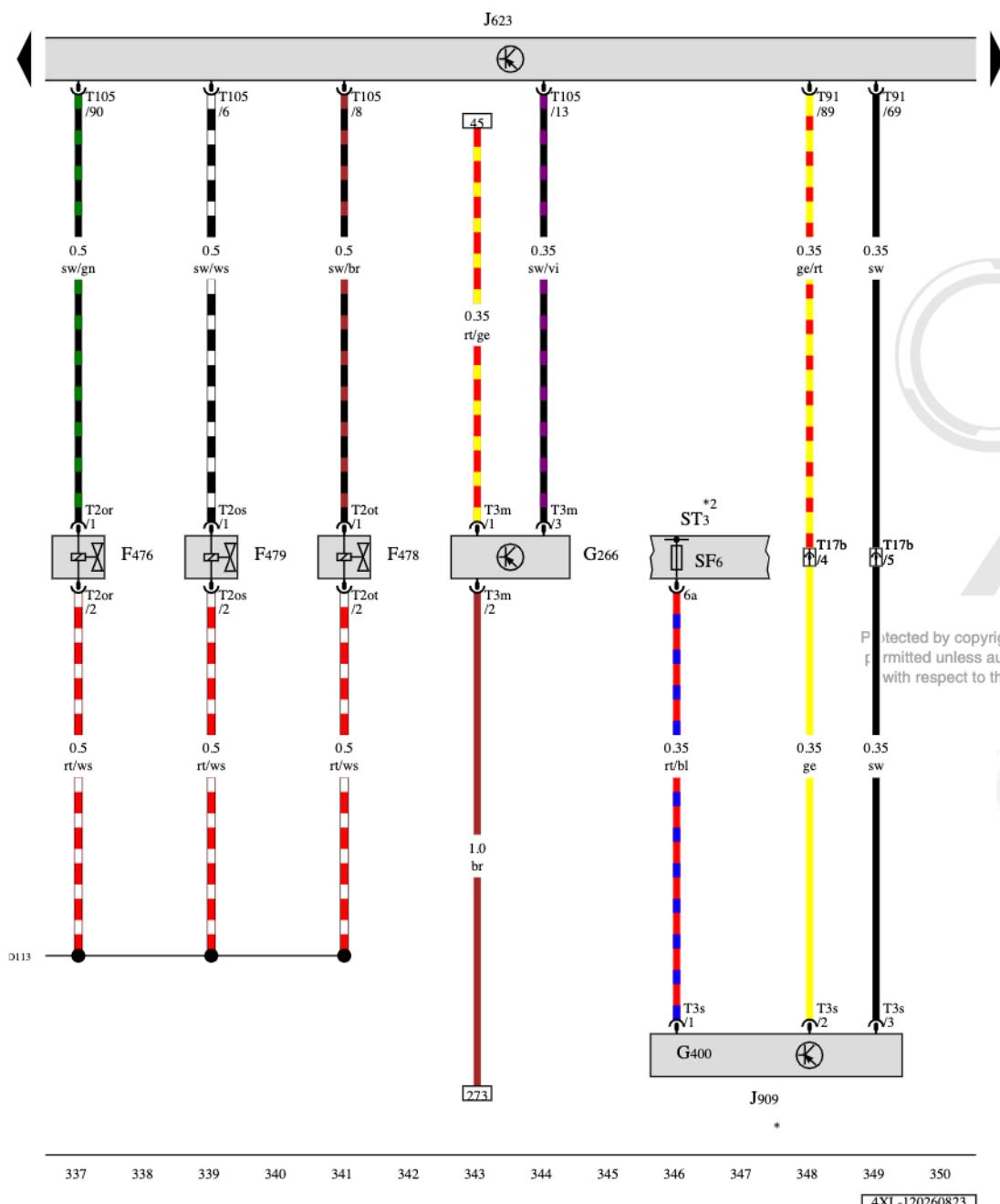


F464 Cylinder 5 Intake Cam Actuator 1  
 F465 Cylinder 5 Intake Cam Actuator 2  
 F466 Cylinder 5 Exhaust Cam Actuator 1  
 F467 Cylinder 5 Exhaust Cam Actuator 2  
 F477 Cylinder 8 Intake Cam Actuator 2  
 J623 Engine/Motor Control Module  
 N427 Turbocharger Recirculation Valve Bank 2  
 T2om 2-Pin Connector  
 T2on 2-Pin Connector  
 T2oo 2-Pin Connector  
 T2op 2-Pin Connector  
 T2ou 2-Pin Connector  
 T2oq 2-Pin Connector  
 T105 105-Pin Connector, Black  
 D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink

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Oil Level Thermal Sensor, Engine/Motor Control Module,  
Fuel Tank Leak Detection Control Module

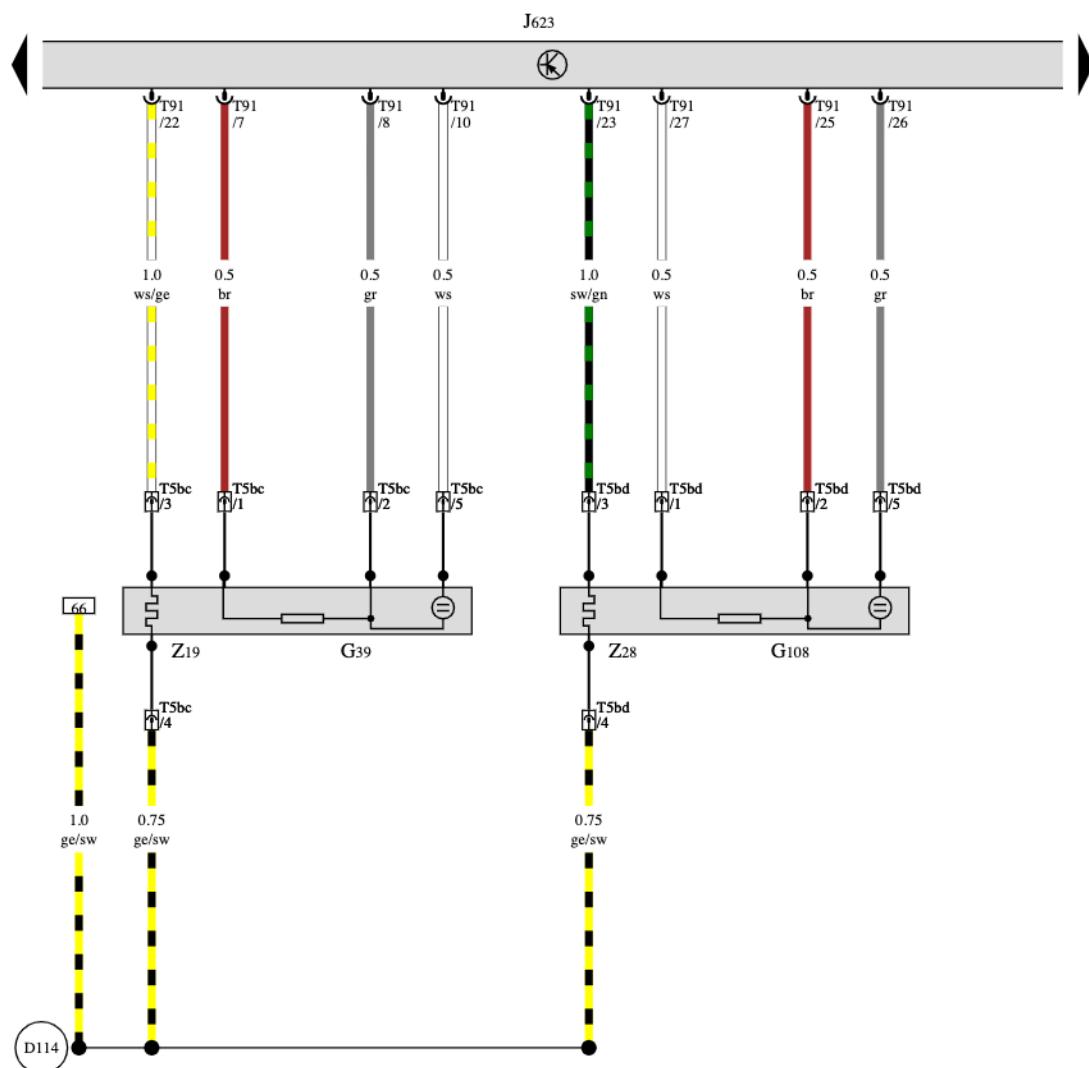
- F476 Cylinder 8 Intake Cam Actuator 1
- F478 Cylinder 8 Exhaust Cam Actuator 1
- F479 Cylinder 8 Exhaust Cam Actuator 2
- G266 Oil Level Thermal Sensor
- G400 Fuel Tank Pressure Sensor
- J623 Engine/Motor Control Module
- J909 Fuel Tank Leak Detection Control Module
- ST3 Fuse Panel 3
- SF6 Fuse 6 (On Fuse Panel F)
- T2or 2-Pin Connector
- T2os 2-Pin Connector
- T2ot 2-Pin Connector
- T3m 3-Pin Connector
- T3s 3-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)

\* For Vehicles with Fuel System Diagnostic Pump  
Refer to Applicable Wiring Diagram for Fuse Positions  
\*2

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Heated Oxygen Sensor, Heated Oxygen Sensor 2,  
Engine/Motor Control Module

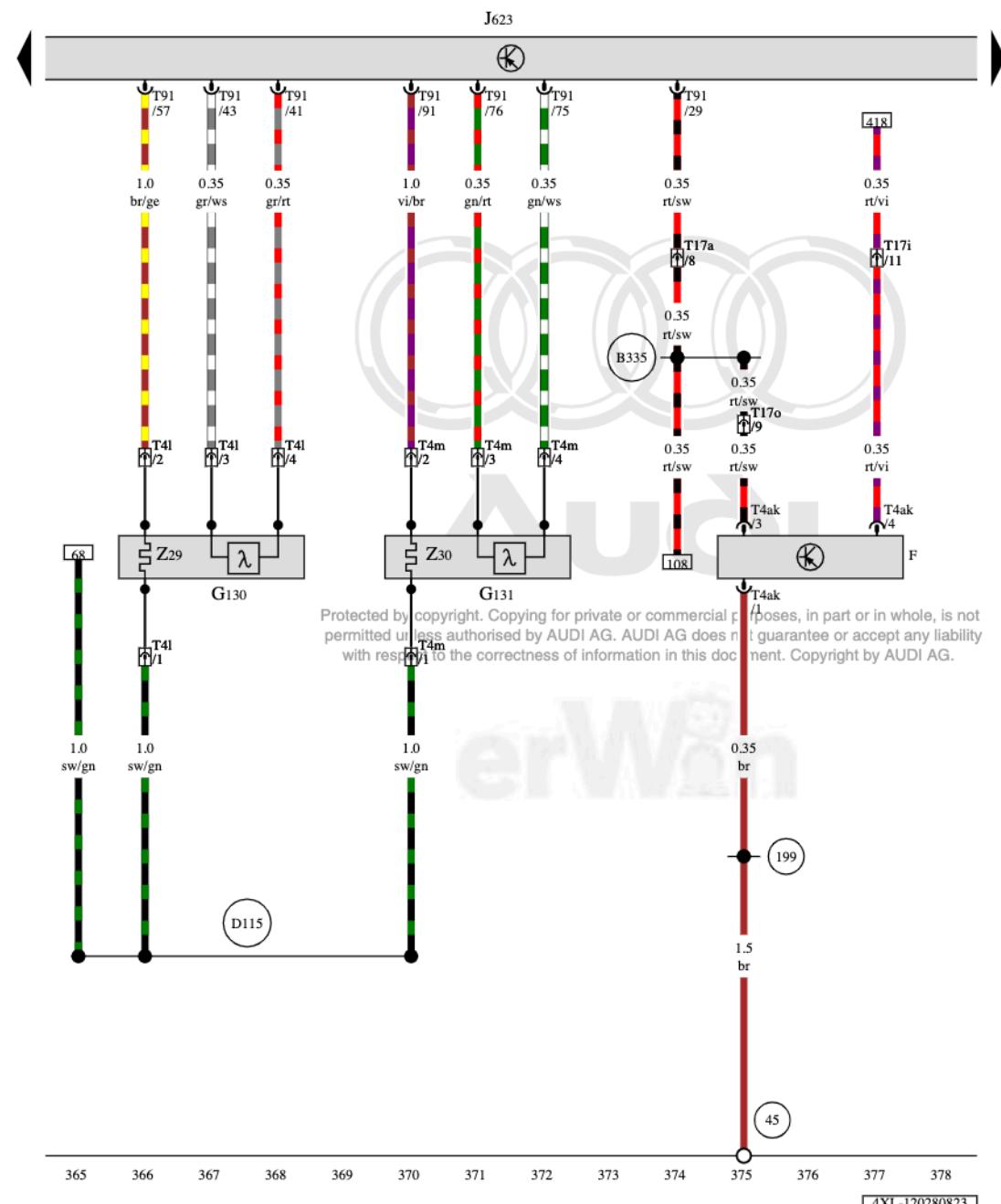
G39 Heated Oxygen Sensor  
 G108 Heated Oxygen Sensor 2  
 J623 Engine/Motor Control Module  
 T5bc 5-Pin Connector, Brown  
 T5bd 5-Pin Connector, Black  
 T91 91-Pin Connector, Black  
 Z19 Oxygen Sensor Heater  
 Z28 Oxygen Sensor 2 Heater

D114 Connection 12 (in Engine/Motor Compartment Wiring Harness)



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink

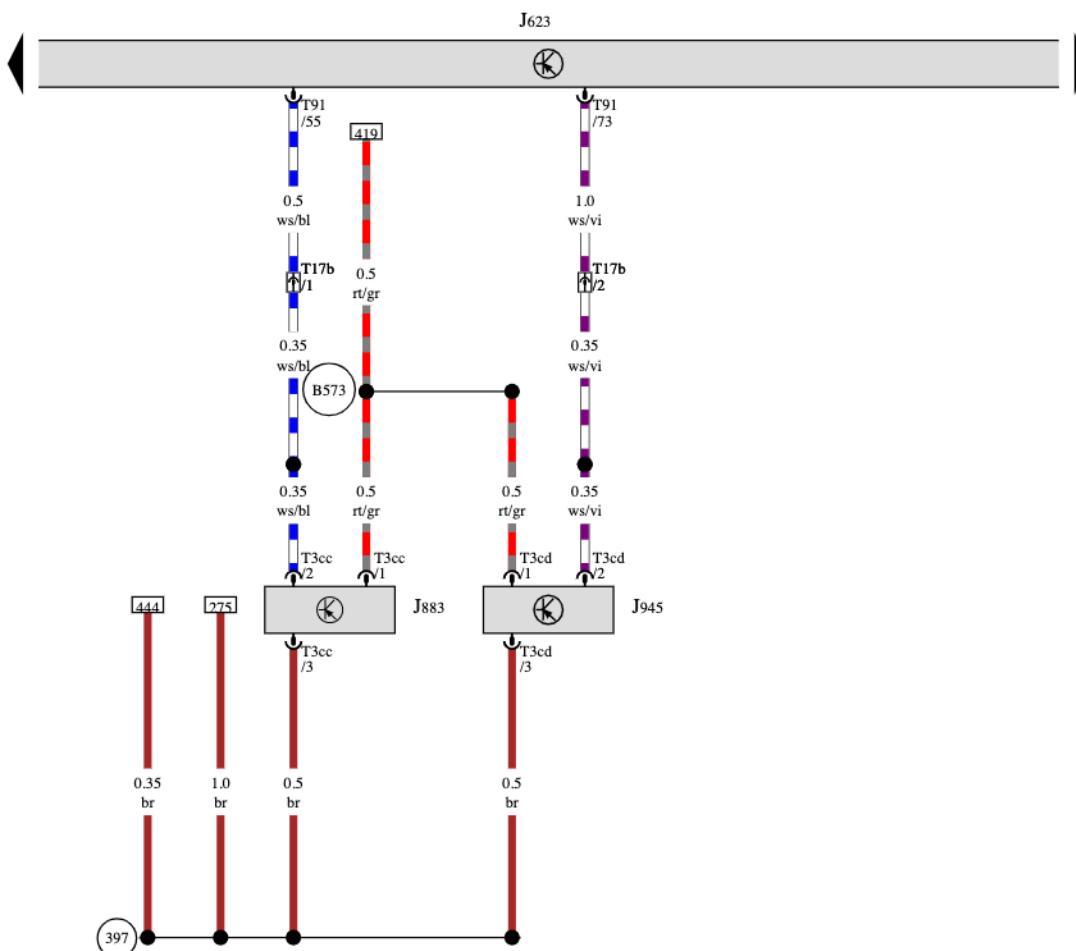
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Brake Lamp Switch, Oxygen Sensor After Catalytic Converter, Oxygen Sensor 2 After Catalytic Converter, Engine/Motor Control Module

- F Brake Lamp Switch
- G130 Oxygen Sensor After Catalytic Converter
- G131 Oxygen Sensor 2 After Catalytic Converter
- J623 Engine/Motor Control Module
- T4ak 4-Pin Connector
- T4l 4-Pin Connector, Black
- T4m 4-Pin Connector, Brown
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T91 91-Pin Connector, Black
- Z29 Heater for Oxygen Sensor 1 After Catalytic Converter
- Z30 Heater for Oxygen Sensor 2 After Catalytic Converter
- 45 Ground Connection Behind Instrument Panel, Center
- 199 Ground Connection 3 (in Instrument Panel Wiring Harness)
- B335 Connection 54 (in Main Wiring Harness) 1
- D115 Connection 13 (in Engine/Motor Compartment Wiring Harness)

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br = brown  
gn = green  
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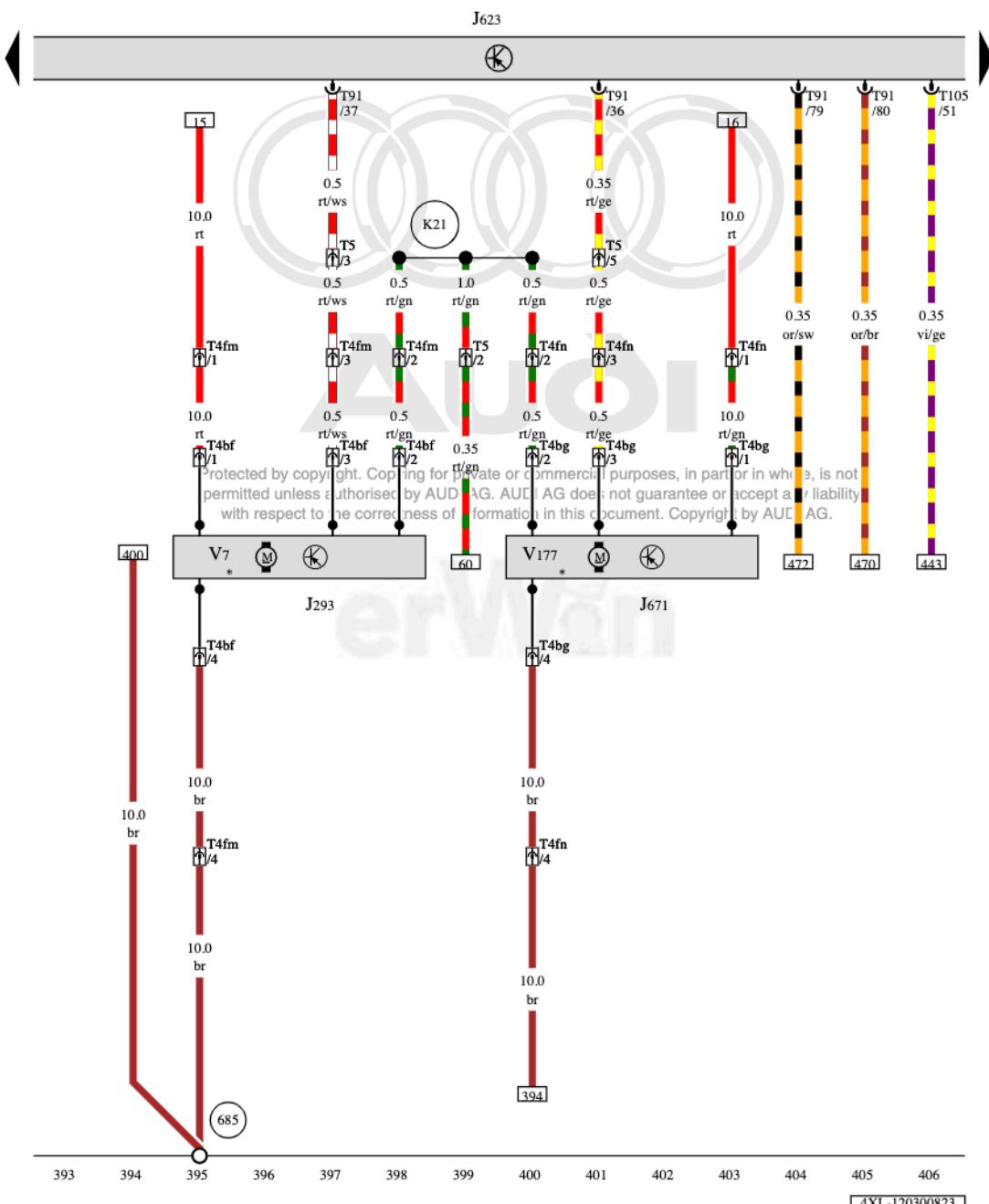
Engine/Motor Control Module, Exhaust Door Control Unit,  
Exhaust Door Control Unit 2

- J623 Engine/Motor Control Module
- J883 Exhaust Door Control Unit
- J945 Exhaust Door Control Unit 2
- T3cc 3-Pin Connector
- T3cd 3-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- 397 Ground Connection 32 (in Main Wiring Harness)
- B573 Connection 40 (in Main Wiring Harness)

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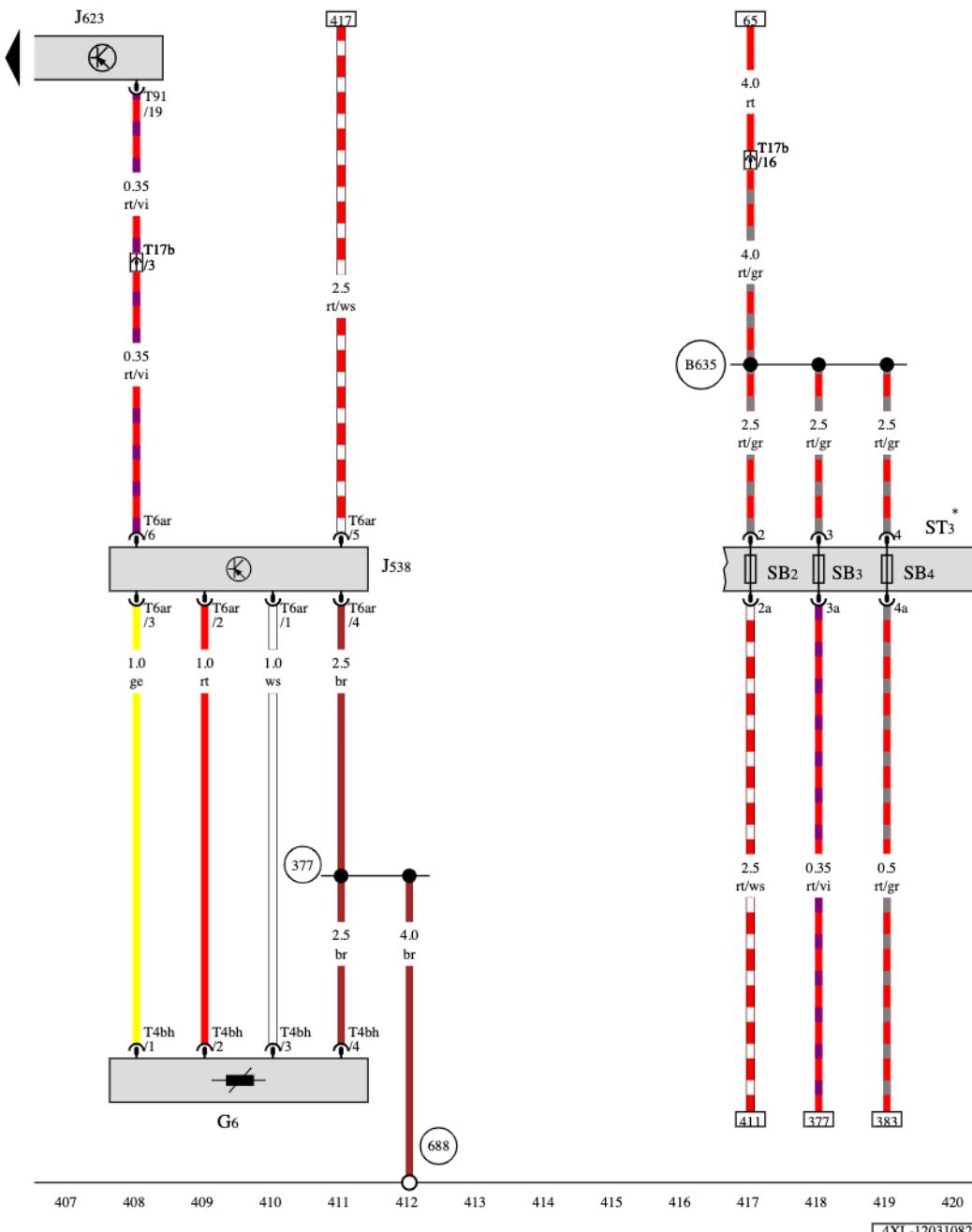
Radiator Fan Control Module, Engine/Motor Control Module, Radiator Fan Control Module 2, Radiator Fan, Radiator Fan 2

J293 Radiator Fan Control Module  
 J623 Engine/Motor Control Module  
 J671 Radiator Fan Control Module 2  
 T4bf 4-Pin Connector, On the Radiator Fan  
 T4bg 4-Pin Connector, On the Radiator Fan  
 T4fm 4-Pin Connector, Near the Radiator Fan  
 T4fn 4-Pin Connector, Near the Radiator Fan  
 T5 5-Pin Connector, In the Center Plenum Chamber  
 T91 91-Pin Connector, Black  
 T105 105-Pin Connector, Black  
 V7 Radiator Fan  
 V177 Radiator Fan 2

685 Ground Connection 1 on Right Front Longitudinal Member

K21 Connection 1 (in Radiator Fan Wiring Harness)

\* Pre-Wired Component



Transfer Fuel Pump, Fuel Pump Control Module, Engine/Motor Control Module

- G6 Transfer Fuel Pump
- J538 Fuel Pump Control Module
- J623 Engine/Motor Control Module
- SB2 Fuse 2 (On Fuse Panel B)
- ST3 Fuse Panel 3
- SB3 Fuse 3 (On Fuse Panel B)
- SB4 Fuse 4 (On Fuse Panel B)
- T4bh 4-Pin Connector
- T6ar 6-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- 377 Ground Connection 12 (in Main Wiring Harness)
- 688 Ground Connection 2 on Center Tunnel
- B635 Positive Connection 3 (87) (in Main Wiring Harness)

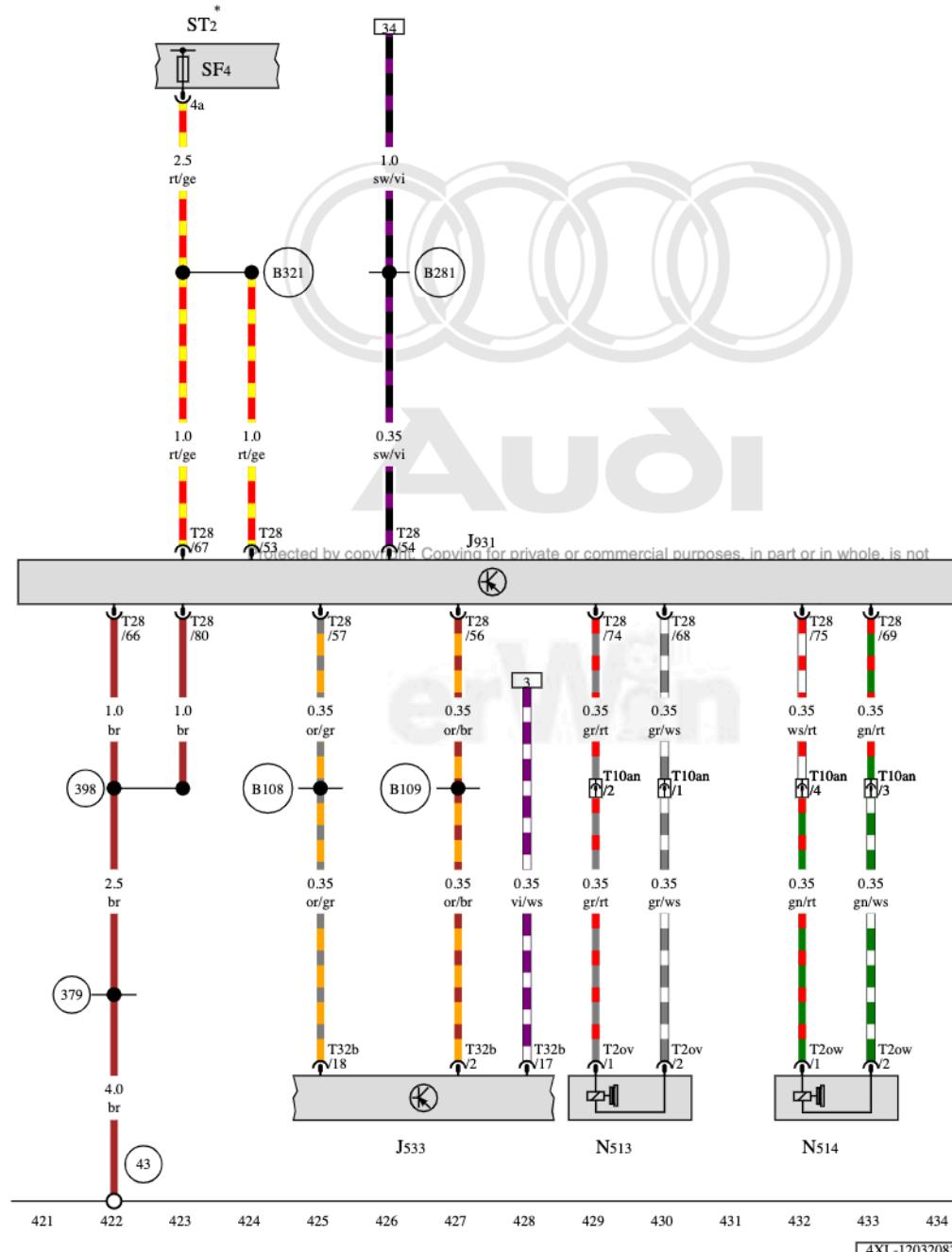
\* Refer to Applicable Wiring Diagram for Fuse Positions



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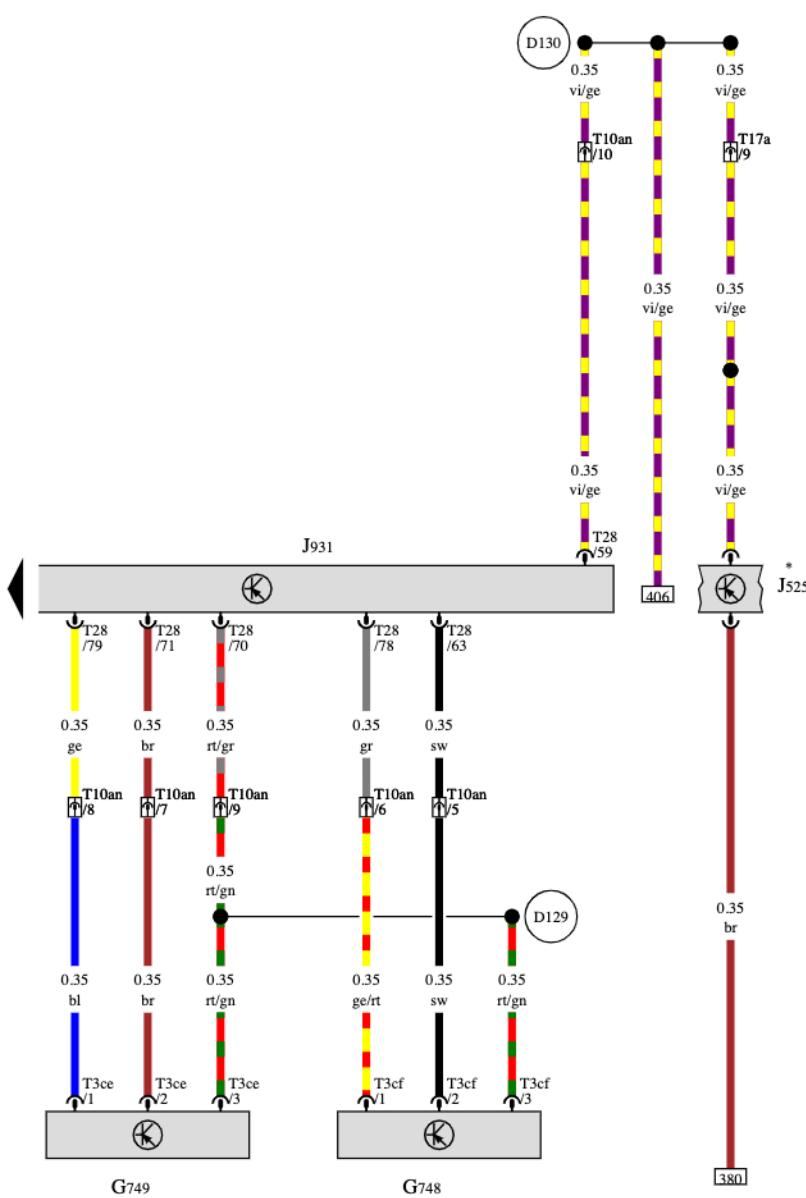

**Assembly Mount Control Module, Assembly Mount Actuator 1**

J533 Data Bus on Board Diagnostic Interface  
 J931 Assembly Mount Control Module  
 N513 Assembly Mount Actuator 1  
 N514 Assembly Mount Actuator 2  
 ST2 Fuse Panel 2  
 SF4 Fuse 4 (On Fuse Panel F)  
 T2ov 2-Pin Connector  
 T2ow 2-Pin Connector  
 T10an 10-Pin Connector, In the Engine/Motor Compartment, Left Front  
 T28 28-Pin Connector  
 T32b 32-Pin Connector  
 43 Ground Connection on A-Pillar, Lower Right  
 379 Ground Connection 14 (in Main Wiring Harness)  
 398 Ground Connection 33 (in Main Wiring Harness)  
 B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)  
 B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)  
 B281 Positive Connection 5 (15a) (in Main Wiring Harness)  
 B321 Positive Connection 7 (30a) (in Main Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions

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Assembly Mount Sensor 1, Assembly Mount Sensor 2,  
Assembly Mount Control Module

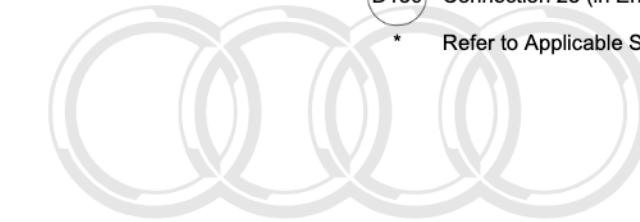


G748 Assembly Mount Sensor 1  
 G749 Assembly Mount Sensor 2  
 J525 Digital Sound System Control Module  
 J931 Assembly Mount Control Module  
 T3ce 3-Pin Connector  
 T3cf 3-Pin Connector  
 T10an 10-Pin Connector, In the Engine/Motor Compartment, Left Front  
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White  
 T28 28-Pin Connector

D129 Connection 27 (in Engine/Motor Compartment Wiring Harness)

D130 Connection 28 (in Engine/Motor Compartment Wiring Harness)

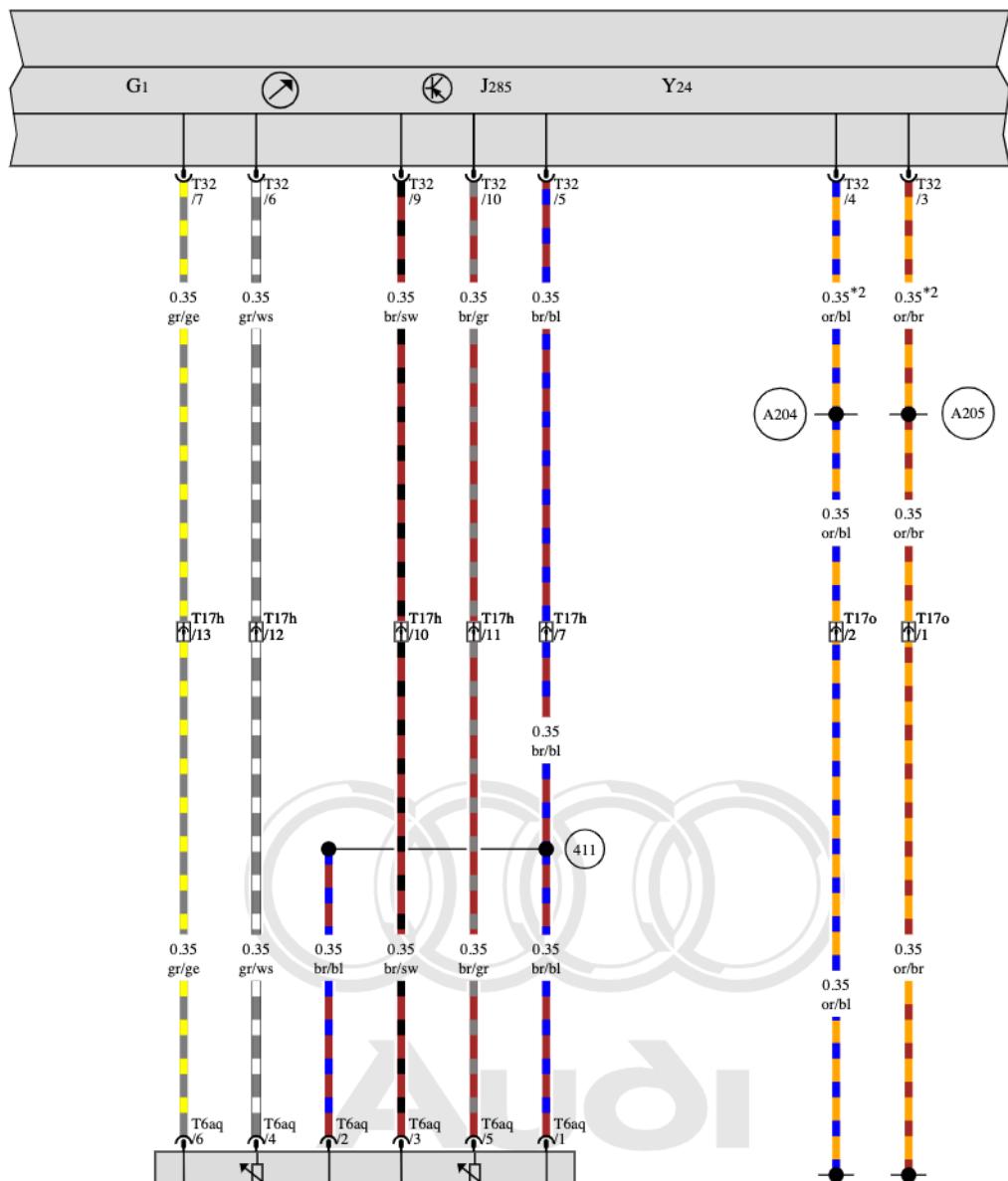
\* Refer to Applicable Sound System Wiring Diagram



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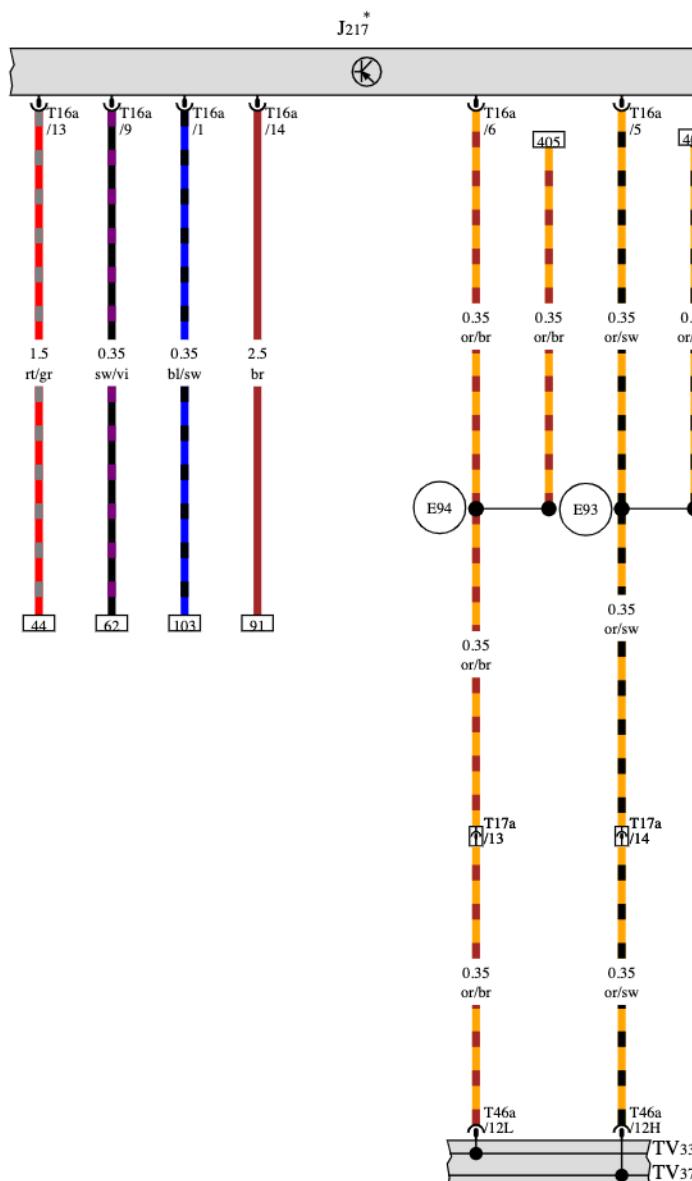


**Fuel Gauge, Fuel Level Sensor 2, Instrument Cluster Control Module**

- G Fuel Level Sensor
- G1 Fuel Gauge
- G169 Fuel Level Sensor 2
- J285 Instrument Cluster Control Module
- T6aq 6-Pin Connector, Black
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T32 32-Pin Connector
- Y24 Display Unit in Instrument Cluster
- 411 Sensor Ground Connection 2 (in Main Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
- B708 Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- B709 Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Data Bus Networking
- \*2 Data Bus Wire (CAN Bus)

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## Powertrain CAN Bus High Wire Junction

- J217 Transmission Control Module
- T16a 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T46a 46-Pin Connector
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction

**E93** CAN Bus High Connection 1 (in Engine Wiring Harness)

**E94** CAN Bus Low Connection 1 (in Engine Wiring Harness)

\* Refer to Applicable Wiring Diagram for Automatic Transmission

\* Refer to Applicable Wiring Diagram for Automatic Transmission

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vi	= lilac
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